Ohio Labor Market Information
BUREAU OF EMPLOYMENT SERVICES
JOB SERVICE OF OHIO
RICHARD F. CELESTE, *Governor*
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EMPLOYMENT, HOURS, AND EARNINGS IN OHIO
JANUARY 1984

Summary: Ohio's seasonally adjusted jobless rate dropped from 10.5 percent in December 1983 to 9.3 percent in January 1984. Actual unemployment, at 512,000 in January, represented 10.3 percent of the workforce--down from 528,000 (10.5 percent) in December. Total employment dipped 1.4 percent, to 4,452,000. Seasonal downturns among nonmanufacturing industries lowered nonfarm payroll employment 2.2 percent, to 4,083,000.

Factory Employment: Manufacturing industries in Ohio employed 1,101,000 workers in January, fractionally below the previous month. Seasonal cutbacks in the production of structural clay products and ready-mixed concrete lowered employment in stone, clay, and glass products. Fewer orders led to layoffs in the production of food and paper products and motor vehicles. More business, however, prompted gains in the manufacture of refrigeration equipment.

Nonmanufacturing Employment: Employment in Ohio's nonmanufacturing industries dropped 3.0 percent from December, to 2,982,000 in January. Retailing declined seasonally as department and apparel stores released thousands of temporary Christmas personnel. Snow and frigid temperatures hampered construction and other outdoor activities in January. The decrease in government employment was attributable chiefly to temporary furloughs of nonteaching personnel reported among several public schools and colleges.

Factory Earnings: Average weekly earnings of Ohio's factory production workers slipped $2 from December's record high, to $462 in January. The average workweek, at 42.6 hours, was .2 hours shorter. Overtime curtailments lowered earnings in the production of communication equipment, metal stampings, fabricated structural metals, and aircraft components. Producers of nonferrous castings, special industry machinery, and meat products reported shorter schedules workweeks. Stepped-up overtime, on the other hand, boosted earnings in the production of automotive hardware. Higher hourly earnings in household appliances reflected wage-rate increases.

Over the Year: The seasonally adjusted unemployment rate for Ohio fell from 13.8 percent in January 1983 to 9.3 in January 1984. On an unadjusted basis, the number of jobless decreased by 225,000. Nonfarm payroll employment jumped 3.0 percent, due mainly to gains in manufacturing industries, notably motor vehicles, automotive stampings, plastic products, and basic steel. Expansion in services, retail trade, and construction boosted nonmanufacturing. Gross weekly earnings of the average factory production worker climbed nearly $47 over the year, as the average workweek rose 2.3 hours.

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EMPLOYMENT, HOURS, AND EARNINGS IN MAJOR METROPOLITAN AREAS

Akron.--Nonagricultural wage and salary employment in the Akron area totaled 243,400 in January, down 7,400 from the previous month. Post-holiday cutbacks in retail trade, term breaks in state-supported universities, and seasonal declines in construction lowered nonmanufacturing for the overall loss. Factory employment rose slightly to 66,200. Production workers in the area's manufacturing establishments averaged $10.82 per hour for a 44.3 hour workweek in January, 19¢ and 1.2 hours below December figures.

Canton.--Nonfarm wage and salary employment in Canton totaled 143,100 in January, 3,600 down from December. Manufacturing, at 44,500, decreased 400 for the month. Most of the loss occurred in nonmanufacturing, as most component industries slipped seasonally, notably retail trade and construction. Factory production workers averaged $10.91 per hour for a workweek of 40.6 hours--up 3¢ but down .2 hours from December.

Cincinnati.--Nonagricultural establishments in Cincinnati employed 572,200 workers in January, down 11,600 from December. Manufacturing was up 1,700, to 143,400, as a large auto assembly plant recalled employees furloughed in December because of materials shortages. Seasonal cutbacks in all industry groups of nonmanufacturing--notably, retail trade, services, and construction--more than offset the manufacturing gain. The average factory workweek dipped .6 hours, to 41.8. Earnings at $10.44 per hour, were 15¢ higher than in December.

Cleveland.--Cleveland's nonfarm payroll employment decreased 18,200 from December, to 819,700 in January. Producers of motor vehicles and equipment reported moderate cutbacks as manufacturing slipped 200, to 211,900. Nonmanufacturing declined considerably, as all industries experienced shrinkage--chiefly retail trade, services, and other highly seasonal industry groups. Hourly earnings of Cleveland's factory production workers, at $10.72 in January, were up 4¢ from December. Their workweek, at 42.1 hours, was shorter by .2 hours.

Columbus.--Nonfarm wage and salary employment in Columbus totaled 504,200 in January, down 11,500 from the previous month. Manufacturing increased fractionally to 86,300 for the month. Seasonal decreases in retailing, services, and education lowered nonmanufacturing. Production workers in the manufacturing industries grossed $10.33 per hour for a workweek of 41.4 hours in January--2¢ and .9 hours below their December averages.

Dayton.--Nonfarm payroll employment in Dayton decreased 4,700 from December, to 339,600 in January. Nonmanufacturing accounted for the loss, due to the seasonal decline of retail trade and construction. Factory employment advanced 300, to 90,400, with the gain in durable-goods industries. The average factory workweek, at 43.2 hours, was .7 hours shorter. Production workers grossed $11.05 per hour in January, 6¢ below the December average.

Toledo.--Nonfarm industries in the Toledo area employed 285,600 workers in January, down 5,500 from December. Most of the job loss, centered in nonmanufacturing industries, was seasonal in nature. Recalls by producers of fabricated metals boosted manufacturing for the month by 400, to 74,300. Average hourly earnings of factory production workers, at $11.40 in January, were down 17¢ from the previous month. The average workweek was shorter by 1.2 hours, at 43.3.

Youngstown-Warren.--Youngstown-Warren's nonagricultural payroll employment slipped 4,400 from December, to 177,600 in January. Manufacturing--at 55,400--showed a decline of 200 in durable goods. Nonmanufacturing accounted for most of the loss, as retailing, government and construction decreased seasonally. Factory production workers averaged $12.88 per hour in January, up 20¢ from December. Their average workweek, at 44.8 hours, was 1.6 hours longer.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 2-21-84

EMPLOYMENT IN MAJOR METROPOLITAN AREAS[a]

Year and Month	Akron[b]	Canton[c]	Cincinnati[d]	Cleveland[e]	Columbus[f]	Dayton[g]	Toledo[h]	Youngstown-Warren[j]
	NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT (in thousands)							
1973	255.1	147.9	534.5	865.2	451.0	335.6	285.8	211.6
1974	259.0	152.1	542.2	879.2	457.6	334.9	285.6	213.5
1975	248.4	145.0	531.2	850.6	445.4	321.4	275.5	200.7
1976	247.3	145.9	541.9	860.0	456.1	331.5	282.6	203.5
1977	259.3	149.8	562.1	880.9	471.6	343.1	292.1	208.0
1978	266.6	156.1	591.2	905.8	493.8	358.5	302.1	210.3
1979	270.9	160.7	607.4	919.8	507.3	364.9	306.0	213.9
1980	262.4	157.1	600.6	895.6	509.8	355.7	293.1	203.1
1981	259.6	156.6	592.2	880.7	506.6	352.5	290.9	198.7
1982	248.8	148.6	575.9	844.6	495.1	336.3	281.9	180.6
1983	245.0	143.6	573.7	829.0	500.0	335.4	281.0	177.6
1983								
January .	230.8	139.4	560.1	807.3	485.5	328.1	274.7	168.9
February.	238.5	139.2	557.6	807.8	485.1	327.6	272.6	169.4
March ...	239.8	140.4	563.2	811.4	486.3	331.4	271.9	174.1
April ...	242.5	141.9	570.6	818.0	495.0	332.4	276.2	176.4
May	246.0	143.8	575.3	825.5	499.7	334.8	281.8	178.7
June	242.9	144.9	574.8	828.5	503.8	337.4	281.1	179.4
July	245.4	144.5	573.0	832.8	496.0	331.4	277.6	178.9
August ..	244.3	143.9	571.8	825.5	496.3	331.4	277.5	177.3
September	251.3	146.1	580.8	834.3	504.5	340.7	287.3	182.3
October .	250.3	145.9	584.0	835.5	512.6	342.1	289.6	181.3
November.	251.4	146.7	585.5	838.7	514.7	343.9	291.1	182.0
December.	250.9	146.7	589.8	837.1	515.7	344.3	291.1	182.0
1984								
January .	243.4	143.1	572.2	818.7	514.2	333.6	285.6	177.6
	MANUFACTURING EMPLOYMENT (in thousands)							
1973	94.0	61.7	165.5	298.1	106.0	117.7	93.4	93.0
1974	94.2	62.2	166.6	287.1	104.3	113.1	89.8	92.0
1975	84.5	55.3	153.9	260.3	93.1	100.1	80.7	80.8
1976	80.3	54.8	155.6	265.1	94.2	104.0	84.8	80.6
1977	85.6	56.0	161.1	270.8	98.4	109.2	88.2	81.1
1978	85.9	57.1	169.2	275.6	101.2	112.0	90.5	79.4
1979	85.6	59.1	173.1	279.3	101.1	109.5	88.6	79.9
1980	79.1	55.7	162.4	254.9	96.8	93.4	75.4	70.8
1981	75.7	54.8	157.3	246.8	93.1	87.8	74.6	67.3
1982	68.3	47.6	146.9	229.0	85.9	87.6	69.0	52.9
1983	65.1	43.6	140.7	207.6	84.0	86.2	69.1	53.0
1983								
January .	63.5	41.8	138.8	204.4	81.6	83.2	66.2	47.9
February.	64.0	42.2	137.5	204.7	82.9	83.2	65.4	48.8
March ...	64.1	42.5	138.3	205.5	82.2	83.8	69.2	52.1
April ...	64.7	42.5	139.7	205.1	82.8	84.5	65.8	52.6
May	64.7	43.3	139.0	206.1	83.2	85.3	67.8	52.9
June	65.0	44.4	140.5	207.8	83.5	86.0	68.8	53.3
July	65.5	44.9	140.0	206.2	83.5	85.2	68.9	53.9
August ..	65.6	44.1	141.8	206.5	84.2	86.1	70.0	53.1
September	66.0	44.6	141.4	209.9	85.3	88.6	72.7	55.2
October .	66.1	44.2	144.2	210.9	86.6	88.7	73.2	54.9
November.	66.4	44.8	144.8	211.6	86.8	89.8	73.9	55.2
December.	66.2	44.9	141.7	212.1	86.2	90.2	74.0	55.6
1984								
January .	66.2	44.5	143.4	211.9	86.3	90.4	74.3	55.4

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. [b]Akron includes Portage and Summit Counties. [c]Canton includes Carroll and Stark Counties. [d]Cincinnati includes Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. [e]Cleveland includes Cuyahoga, Geauga, Lake, and Medina Counties. [f]Columbus includes Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. [g]Dayton includes Greene, Miami, Montgomery, and Preble Counties. [h]Toledo includes Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. [j]Youngstown-Warren includes Mahoning and Trumbull Counties.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

MANUFACTURING PRODUCTION WORKERS AND AVERAGE WEEKLY HOURS IN MAJOR METROPOLITAN AREAS[a]

Year and Month	Akron[b]	Canton[c]	Cincinnati[d]	Cleveland[e]	Columbus[f]	Dayton[g]	Toledo[h]	Youngstown-Warren[j]
	MANUFACTURING PRODUCTION WORKERS (in thousands)							
1973	55.5	46.7	115.2	200.4	74.1	85.0	66.5	75.6
1974	56.1	46.9	115.3	199.5	71.2	79.5	63.1	74.2
1975	48.4	40.5	106.3	176.0	64.2	70.9	55.1	69.3
1976	44.5	40.4	107.8	180.9	65.4	73.4	59.3	69.3
1977	49.2	41.1	110.7	184.0	68.6	75.7	62.8	69.6
1978	49.4	42.2	116.4	188.0	70.1	77.5	64.1	62.5
1979	53.8	43.2	117.0	188.6	69.1	74.4	61.7	62.5
1980	47.5	40.1	106.6	169.2	64.6	65.5	49.6	54.1
1981	43.7	39.6	103.5	161.8	61.3	64.4	49.2	50.8
1982	36.9	37.3	95.5	141.8	55.1	55.6	45.2	38.1
1983	35.6	39.8	92.2	132.1	54.2	54.9	47.2	39.3
1983								
January .	33.9	29.0	90.1	128.9	51.7	52.1	43.5	34.1
February.	34.5	29.4	89.1	128.7	52.2	52.4	42.8	35.1
March ...	34.6	29.7	89.8	129.4	52.4	52.9	40.7	38.0
April ...	35.2	29.7	90.9	129.6	53.2	53.5	43.7	38.6
May	35.3	30.4	90.5	130.8	53.5	54.2	45.7	39.0
June	35.4	31.4	91.7	132.2	53.9	54.7	46.9	39.5
July	35.8	31.3	91.4	130.4	53.8	53.7	47.0	40.2
August ..	36.1	31.2	93.4	131.2	54.5	54.4	48.3	39.4
September	36.4	31.6	93.1	134.8	55.5	57.0	50.9	41.7
October .	36.5	31.4	95.9	135.8	56.7	57.4	51.6	41.5
November.	37.0	31.9	95.8	136.7	56.8	58.3	52.5	41.8
December.	36.8	32.1	93.8	137.0	56.6	58.7	52.7	42.2
1984								
January .	36.9	31.6	95.7	136.6	56.8	58.9	53.1	41.9
	MANUFACTURING PRODUCTION WORKERS' AVERAGE WEEKLY HOURS							
1973	43.0	41.0	42.2	43.2	40.8	43.3	43.1	42.9
1974	42.3	40.1	41.4	42.1	39.7	41.0	41.2	40.7
1975	41.1	39.4	40.8	40.4	39.6	41.3	40.4	38.6
1976	42.1	39.6	41.1	41.9	40.1	43.2	41.5	39.5
1977	42.3	39.7	41.6	42.8	40.3	43.5	42.7	40.4
1978	42.3	40.3	42.1	42.9	40.4	42.8	42.4	41.4
1979	41.6	40.9	41.5	42.2	40.1	42.1	40.9	40.7
1980	41.5	39.0	41.2	40.6	39.5	41.5	40.6	39.9
1981	41.8	40.0	41.1	41.1	40.0	41.4	40.9	40.8
1982	41.0	38.6	40.5	39.9	39.8	40.0	41.1	39.3
1983	43.1	39.6	41.1	40.9	40.7	41.9	42.9	42.1
1983								
January .	42.5	38.7	40.4	39.8	39.9	40.0	41.5	40.1
February.	42.5	38.6	40.4	39.8	40.0	40.2	41.6	40.6
March ...	43.3	39.1	40.8	40.1	40.4	40.8	42.0	41.1
April ...	42.5	39.5	40.9	40.4	40.2	41.1	42.5	41.3
May	42.6	38.9	40.8	40.6	40.3	41.1	42.7	42.4
June	42.3	39.8	41.3	41.3	40.8	42.0	42.2	41.4
July	42.4	38.8	40.9	40.6	40.5	42.1	41.9	42.7
August ..	42.9	39.2	40.9	41.0	40.5	42.1	42.6	41.3
September	43.5	40.8	41.3	41.7	40.8	43.0	43.9	42.4
October .	43.2	40.2	41.3	41.5	41.0	42.7	43.9	43.9
November.	44.0	40.7	42.0	41.8	41.6	42.8	44.5	43.6
December.	45.5	40.8	42.4	42.3	42.3	43.9	44.5	43.2
1984								
January .	44.3	40.6	41.8	42.1	41.4	43.2	43.3	44.8

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Columbus 43216

EARNINGS IN MAJOR METROPOLITAN AREAS[a]

Year and Month	Akron[b]	Canton[c]	Cincinnati[d]	Cleveland[e]	Columbus[f]	Dayton[g]	Toledo[h]	Youngstown-Warren[j]
	MANUFACTURING PRODUCTION WORKERS' AVERAGE HOURLY EARNINGS							
1973	$ 4.99	$ 4.80	$ 4.44	$ 4.83	$ 4.36	$ 5.00	$ 5.01	$ 5.29
1974	5.28	5.24	4.82	5.21	4.73	5.29	5.39	5.80
1975	5.66	5.64	5.19	5.63	5.18	5.73	5.80	6.39
1976	6.02	6.18	5.65	6.22	5.64	6.28	6.32	7.02
1977	6.75	6.88	6.27	6.84	6.08	6.92	7.00	7.76
1978	7.19	7.56	6.81	7.50	6.55	7.38	7.53	8.54
1979	7.73	8.09	7.31	8.00	7.05	8.00	8.14	9.27
1980	8.72	8.79	8.06	8.63	7.73	8.65	8.90	10.27
1981	9.50	9.76	8.78	9.62	8.67	9.61	9.93	11.62
1982	9.83	10.22	9.57	10.10	9.31	10.02	10.89	11.72
1983	10.49	10.66	10.11	10.45	9.97	10.61	11.28	12.38
1983								
January .	10.21	10.56	9.85	10.29	9.62	10.16	11.10	12.00
February.	10.21	10.62	9.99	10.28	9.70	10.23	11.12	12.22
March ...	10.34	10.41	10.01	10.25	9.76	10.31	10.99	12.21
April ...	10.24	10.39	10.06	10.31	9.87	10.35	11.14	12.22
May	10.35	10.53	10.10	10.42	9.90	10.47	11.29	12.45
June	10.34	10.63	10.11	10.49	10.01	10.56	11.14	12.33
July	10.35	10.59	10.12	10.43	10.04	10.72	11.16	12.54
August ..	10.40	10.75	10.18	10.42	9.95	10.58	11.25	12.25
September	10.61	10.84	10.10	10.57	10.06	10.80	11.40	12.40
October .	10.82	10.78	10.23	10.55	10.11	10.86	11.43	12.58
November.	10.85	10.84	10.34	10.62	10.14	10.91	11.57	12.54
December.	11.01	10.88	10.29	10.68	10.35	11.11	11.57	12.68
1984								
January .	10.82	10.91	10.44	10.72	10.33	11.05	11.40	12.88
	MANUFACTURING PRODUCTION WORKERS' AVERAGE WEEKLY EARNINGS							
1973	$214.57	$196.80	$187.37	$208.66	$177.89	$216.50	$215.93	$226.94
1974	223.34	210.12	199.55	219.34	187.78	216.89	222.07	236.06
1975	232.63	222.22	211.75	227.45	205.13	236.65	234.32	246.65
1976	253.44	244.73	232.22	260.62	226.16	271.30	262.28	277.29
1977	285.53	273.14	260.83	292.75	245.02	301.02	298.90	313.50
1978	304.14	304.67	286.70	321.75	264.62	315.86	319.27	353.56
1979	321.57	330.88	303.37	337.60	282.71	336.80	332.93	377.29
1980	361.88	342.81	332.07	350.38	305.34	358.98	361.34	409.77
1981	397.10	390.40	360.86	395.38	346.80	397.85	406.14	474.10
1982	403.03	394.49	387.59	402.99	370.54	400.80	447.58	460.60
1983	452.12	422.14	415.52	427.41	405.78	444.56	483.91	521.20
1983								
January .	433.93	408.67	397.94	409.54	383.84	406.40	466.65	481.20
February.	433.93	409.93	401.17	409.14	388.00	411.25	462.59	496.13
March ...	447.72	407.03	408.41	411.03	394.30	420.65	461.58	501.89
April ...	435.20	410.41	410.45	416.52	396.77	425.39	473.45	504.69
May	440.91	409.62	412.08	423.05	398.97	430.32	482.08	527.88
June	437.38	423.07	417.54	433.24	408.41	443.52	470.11	510.46
July	438.84	410.89	413.91	423.46	406.62	451.31	467.60	535.46
August ..	446.16	421.40	415.34	427.22	402.98	445.42	479.25	505.93
September	461.54	442.27	417.13	440.77	410.45	464.40	500.46	525.76
October .	467.42	433.36	422.50	437.83	414.51	463.72	501.78	552.26
November.	477.40	441.19	434.28	443.92	421.82	466.95	514.87	546.74
December.	500.96	443.90	436.30	451.76	437.81	487.73	514.87	547.78
1984								
January .	479.33	442.95	436.39	451.31	427.66	477.36	493.62	577.02

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Columbus 43216

CIVILIAN LABOR FORCE ESTIMATES FOR MAJOR METROPOLITAN AREAS[a]
(In thousands)

Year and Month	Civilian Labor Force	Total Employed	Unemployed	
			Total Unemployed	Unemployment Rate
AKRON[b]				
1972	282.2	267.3	14.9	5.3
1973	287.1	274.9	12.2	4.3
1974	290.8	277.7	13.0	4.5
1975	292.0	264.3	27.7	9.5
1976	291.3	266.3	25.0	8.6
1977	294.2	274.7	19.5	6.6
1978	298.9	282.2	16.7	5.6
1979	303.8	285.4	18.4	6.1
1980	304.5	278.3	26.2	8.6
1981	304.1	274.9	29.1	9.6
1982	305.8	269.4	36.4	11.9
1982				
December	304.5	262.9	41.6	13.7
1983				
January	296.9	252.3	44.6	15.0
February	297.1	254.7	42.5	14.3
March	301.8	261.4	40.4	13.4
April	306.7	267.5	39.2	12.8
May	311.6	271.5	40.1	12.9
June	311.8	272.9	38.9	12.5
July	319.1	285.2	33.9	10.6
August	315.2	282.9	32.3	10.2
September	311.8	277.9	33.9	10.9
October	314.6	280.6	34.0	10.8
November	315.9	280.2	35.6	11.3
December[p]	311.7	277.0	34.7	11.1
CINCINNATI[d]				
1972	561.0	529.0	32.0	5.7
1973	572.0	543.0	29.0	5.1
1974	595.3	569.8	25.5	4.3
1975	595.3	551.6	43.6	7.3
1976	604.8	566.6	38.2	6.3
1977	623.4	588.7	34.7	5.6
1978	648.3	615.8	32.5	5.0
1979	663.4	628.1	35.3	5.3
1980	676.2	628.6	47.5	7.0
1981	678.5	619.3	59.1	8.7
1982	682.0	610.4	71.6	10.5
1982				
December	673.3	598.8	74.5	11.1
1983				
January	661.5	580.1	81.3	12.3
February	655.9	577.2	78.7	12.0
March	667.8	590.2	77.6	11.6
April	674.9	604.1	70.8	10.5
May	683.3	609.9	73.4	10.7
June	694.4	620.1	74.3	10.7
July	697.9	632.7	65.2	9.3
August	693.0	629.8	63.2	9.1
September	683.3	616.6	66.7	9.8
October	689.6	627.2	62.4	9.0
November	693.6	628.0	65.6	9.5
December[p]	684.5	621.8	62.7	9.2

Year and Month	Civilian Labor Force	Total Employed	Unemployed	
			Total Unemployed	Unemployment Rate
CANTON[c]				
1972	165.6	155.3	10.3	6.2
1973	171.2	163.1	8.1	4.7
1974	175.6	167.5	8.1	4.6
1975	174.7	158.0	16.7	9.6
1976	174.4	158.6	15.8	9.1
1977	175.9	163.1	12.9	7.3
1978	179.9	170.0	9.9	5.5
1979	184.3	173.7	10.6	5.7
1980	187.7	170.9	16.8	8.9
1981	188.4	170.1	18.2	9.7
1982	192.5	165.1	27.4	14.3
1982				
December	191.0	159.0	32.0	16.8
1983				
January	187.4	153.9	33.5	17.9
February	186.5	154.0	32.5	17.4
March	189.0	157.9	31.1	16.5
April	191.6	161.7	29.9	15.6
May	194.6	164.2	30.3	15.6
June	196.7	167.9	28.8	14.6
July	198.0	173.7	24.3	12.3
August	196.2	172.1	24.1	12.3
September	192.0	167.6	24.4	12.7
October	194.4	169.7	24.7	12.7
November	194.8	169.6	25.2	12.9
December[p]	191.0	167.4	23.6	12.4
CLEVELAND[e]				
1972	873.2	825.2	48.0	5.5
1973	883.9	849.0	34.9	3.9
1974	899.1	861.4	37.7	4.2
1975	896.9	826.3	70.6	7.9
1976	897.7	834.4	63.3	7.0
1977	908.5	854.4	54.0	5.9
1978	921.7	878.5	43.2	4.7
1979	935.8	889.1	46.7	5.0
1980	937.1	869.1	68.0	7.3
1981	933.9	854.0	79.8	8.5
1982	933.7	833.8	100.0	10.7
1982				
December	921.5	807.1	114.3	12.4
1983				
January	895.2	776.5	118.7	13.3
February	893.4	776.7	116.7	13.1
March	913.3	797.9	115.5	12.6
April	923.2	813.0	110.2	11.9
May	935.7	821.5	114.1	12.2
June	961.0	843.8	117.3	12.2
July	968.7	869.0	99.7	10.3
August	959.1	860.8	98.3	10.3
September	931.8	832.1	99.8	10.7
October	941.3	844.4	97.0	10.3
November	940.3	841.3	99.0	10.5
December[p]	923.2	833.5	89.7	9.7

[a]Estimated in cooperation with U.S. Department of Labor. Data not seasonally adjusted. Subtotals may not add to totals due to rounding. Rates computed from unrounded figures. [b]Defined as Portage and Summit Counties. [c]Defined as Carroll and Stark Counties. [d]Defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; and Boone, Campbell, and Kenton Counties, Kentucky. [e]Defined as Cuyahoga, Geauga, Lake, and Medina Counties. [p]Preliminary.

Labor Market Information Division
Ohio Bureau of Employment Services
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CIVILIAN LABOR FORCE ESTIMATES FOR MAJOR METROPOLITAN AREAS[a]
(In thousands)

Year and Month	Civilian Labor Force	Total Employed	Unemployed	
			Total Unemployed	Unemployment Rate
COLUMBUS[f]				
1972	469.1	450.2	18.9	4.0
1973	485.5	468.3	17.1	3.5
1974	495.4	475.5	19.9	4.0
1975	495.0	458.6	36.5	7.4
1976	503.6	468.5	35.1	7.0
1977	513.4	483.3	30.1	5.9
1978	531.4	506.5	24.9	4.7
1979	543.0	517.1	25.8	4.8
1980	554.7	523.4	31.4	5.7
1981	562.4	519.1	43.3	7.7
1982	568.8	518.0	50.8	8.9
1982				
December ...	564.0	512.3	51.8	9.2
1983				
January	548.2	492.8	55.4	10.1
February ...	547.5	493.6	53.9	9.9
March	561.1	507.3	53.8	9.6
April	570.5	517.7	52.8	9.3
May	577.9	524.0	53.9	9.3
June	592.9	535.7	57.2	9.7
July	600.6	549.7	50.9	8.5
August	593.7	546.3	47.4	8.0
September ..	581.0	531.8	49.2	8.5
October	595.9	546.5	49.4	8.3
November ...	597.0	546.3	50.7	8.5
December[p] ..	588.0	540.4	47.6	8.1
DAYTON[g]				
1972	353.5	336.2	17.3	4.9
1973	358.0	343.5	14.5	4.1
1974	359.5	342.5	17.0	4.7
1975	357.6	327.7	29.9	8.4
1976	360.5	336.3	24.2	6.7
1977	368.6	348.3	20.3	5.5
1978	381.1	363.7	17.3	4.6
1979	392.2	367.9	24.2	6.2
1980	390.2	361.0	29.2	7.5
1981	390.8	357.9	32.8	8.4
1982	391.1	347.0	44.2	11.3
1982				
December .	385.3	338.5	46.8	12.1
1983				
January ..	375.8	327.8	47.9	12.8
February .	374.6	328.3	46.3	12.4
March	381.7	337.5	44.2	11.6
April	386.2	343.8	42.3	11.0
May	388.9	347.4	41.5	10.7
June	398.8	354.5	44.3	11.1
July	399.1	361.6	37.6	9.4
August ...	396.3	359.1	37.2	9.4
September.	390.4	354.5	35.9	9.2
October ..	395.8	360.9	34.8	8.8
November .	397.2	360.6	36.6	9.2
December[p].	389.3	356.7	32.6	8.4
TOLEDO[h]				
1972	329.4	311.3	18.1	5.5
1973	339.8	324.2	15.6	4.6
1974	343.8	324.2	19.7	5.7
1975	344.8	310.2	34.6	10.0
1976	347.8	319.4	28.4	8.2
1977	355.0	329.4	25.6	7.2
1978	362.1	339.7	22.4	6.2
1979	368.2	341.7	26.4	7.2
1980	368.2	329.8	38.4	10.4
1981	367.4	328.0	39.4	10.7
1982	368.7	322.7	46.1	12.5
1982				
December ...	368.8	316.2	52.6	14.3
1983				
January	359.5	307.3	52.2	14.5
February ...	360.3	306.6	53.7	14.9
March	366.0	311.0	55.0	15.0
April	368.7	320.7	47.9	13.0
May	379.0	328.3	50.7	13.4
June	381.1	332.5	48.6	12.8
July	383.8	339.3	44.5	11.6
August	381.5	337.3	44.2	11.6
September ..	377.7	334.7	43.0	11.4
October	382.5	340.7	41.8	10.9
November ...	383.8	339.9	43.9	11.4
December[p] ..	376.8	337.0	39.8	10.6
YOUNGSTOWN-WARREN[i]				
1972	226.9	212.1	14.8	6.5
1973	232.5	221.8	10.8	4.6
1974	236.7	223.7	13.0	5.5
1975	236.7	209.8	26.9	11.4
1976	234.2	210.5	23.7	10.1
1977	234.0	215.0	19.0	8.1
1978	235.2	217.5	17.7	7.5
1979	237.1	219.9	17.1	7.2
1980	238.9	210.5	28.4	11.9
1981	234.0	205.7	28.2	12.1
1982	237.7	191.5	46.2	19.4
1982				
December .	234.2	183.1	51.1	21.8
1983				
January ..	226.6	178.1	48.4	21.4
February .	223.8	178.7	45.1	20.1
March	227.9	186.2	41.7	18.3
April	229.9	190.3	39.5	17.2
May	234.3	193.8	40.5	17.3
June	237.1	196.8	40.4	17.0
July	237.7	203.6	34.1	14.3
August ...	237.4	200.9	36.5	15.4
September.	231.9	198.1	33.7	14.5
October ..	231.8	200.3	31.6	13.6
November .	232.8	199.9	32.8	14.1
December[p].	227.3	197.0	30.2	13.3

[a]Estimated in cooperation with U.S. Department of Labor. Data not seasonally adjusted. Subtotals may not add to totals due to rounding. Rates computed from unrounded figures. [f]Defined as Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. [g]Defined as Greene, Miami, Montgomery, and Preble Counties. [h]Defined as Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. [i]Defined as Mahoning and Trumbull Counties. [p]Preliminary.

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CIVILIAN LABOR FORCE ESTIMATES[a]
(not seasonally adjusted)

Year and Month	OHIO (in thousands)			Unemployment Rate	
	Civilian Labor Force	Total Employed	Total Unemployed	OHIO	U.S.
1973	4,621	4,403	198	4.3	4.9
1974	4,709	4,483	225	4.8	5.6
1975	4,721	4,292	429	9.1	8.5
1976	4,749	4,378	370	7.8	7.7
1977	4,830	4,518	312	6.5	7.1
1978	4,956	4,688	268	5.4	6.1
1979	5,056	4,758	298	5.9	5.8
1980	5,088	4,661	427	8.4	7.1
1981	5,098	4,606	492	9.6	7.6
1982	5,114	4,474	640	12.5	9.7
1983	5,110	4,488	622	12.2	9.6
1983					
January .	4,931	4,134	797	14.3	11.4
February.	4,917	4,202	711	14.5	11.3
March ...	5,015	4,329	686	13.7	10.8
April ...	5,076	4,425	651	12.8	10.0
May	5,153	4,491	663	12.9	9.8
June	5,259	4,589	670	12.8	10.2
July	5,207	4,710	497	10.3	9.4
August ..	5,230	4,664	566	10.8	9.2
September	5,208	4,541	567	11.1	8.8
October .	5,159	4,611	548	10.6	8.4
November.	5,149	4,592	564	11.0	8.1
December.	5,040	4,519	520	10.5	8.0
1984					
January .	4,964	4,452	512	10.3	8.8

OHIO NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT[a] (in thousands)

Year and Month	Total Nonagricultural	Manufacturing	Nonmanufacturing
1973	4,112.9	1,426.3	2,686.5
1974	4,169.4	1,416.6	2,752.8
1975	4,016.2	1,267.5	2,748.7
1976	4,094.5	1,295.3	2,799.3
1977	4,230.1	1,344.1	2,885.9
1978	4,394.8	1,377.2	3,017.6
1979	4,484.7	1,382.3	3,102.5
1980	4,367.4	1,264.3	3,103.0
1981	4,317.6	1,232.6	3,085.1
1982	4,124.2	1,099.9	3,024.4
1983	4,083.8	1,066.9	3,017.0
1983			
January .	3,964.2	1,029.2	2,935.0
February.	3,962.7	1,030.8	2,931.9
March ...	3,995.3	1,039.3	2,956.0
April ...	4,041.8	1,047.6	2,994.2
May	4,088.7	1,054.8	3,033.9
June	4,116.8	1,064.1	3,052.7
July	4,082.0	1,062.2	3,019.8
August ..	4,074.0	1,074.7	2,999.3
September	4,157.0	1,094.3	3,062.7
October .	4,170.0	1,099.1	3,070.9
November.	4,177.5	1,104.4	3,073.1
December.	4,176.1	1,101.9	3,074.2
1984			
January .	4,082.8	1,101.0	2,981.8

OHIO NONMANUFACTURING WAGE AND SALARY EMPLOYMENT[a] (in thousands)

Year and Month	Mining	Construction	Transportation and Utilities	Wholesale Trade	Retail Trade	Finance, Insurance, Real Estate	Services	Government
1973	22.3	175.5	224.9	197.7	654.9	169.0	643.9	597.8
1974	24.2	172.3	227.8	205.7	668.1	171.9	669.7	613.1
1975	26.8	154.9	213.2	209.5	664.5	173.1	686.9	626.4
1976	28.2	154.2	213.7	208.4	682.4	177.0	703.2	632.2
1977	24.1	162.8	219.1	214.6	703.1	183.4	731.4	642.3
1978	24.0	176.6	225.0	226.8	730.4	191.1	772.1	667.5
1979	31.6	182.9	232.1	232.8	742.4	200.6	806.2	674.0
1980	30.7	167.4	229.1	230.6	726.6	203.8	830.9	689.9
1981	30.7	159.7	217.2	232.5	717.7	205.8	851.5	676.0
1982	30.9	134.6	206.8	226.0	703.4	206.4	857.3	652.6
1983	26.6	128.6	197.9	214.6	703.9	209.6	874.6	657.5
1983								
January .	26.7	107.4	194.1	216.5	682.9	205.4	843.8	658.2
February.	25.6	109.6	193.5	215.5	670.5	205.2	843.5	668.5
March ...	25.2	109.3	194.6	216.6	677.4	205.9	856.1	671.0
April ...	25.2	116.1	196.9	218.2	694.4	207.2	868.7	667.7
May	25.6	126.4	199.1	219.5	705.9	208.7	877.5	671.3
June	27.0	135.7	201.4	221.6	713.1	211.3	888.2	654.5
July	27.4	140.8	201.5	221.4	709.8	212.2	883.2	623.4
August ..	27.4	142.2	199.6	221.3	712.4	212.3	883.0	616.2
September	27.3	144.6	201.0	221.2	714.8	211.8	891.3	651.4
October .	27.5	145.0	200.7	221.5	709.6	211.5	888.8	666.3
November.	27.4	140.9	199.6	221.1	717.8	211.5	884.2	670.6
December.	27.1	130.9	200.2	221.3	730.4	212.1	880.7	671.5
1984								
January .	26.8	113.7	194.1	218.2	690.8	210.8	866.8	660.7

[a]Estimated in cooperation with U.S. Department of Labor. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates and averages computed from unrounded figures. All data exclude military personnel.

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EMPLOYMENT, HOURS, AND EARNINGS IN MANUFACTURING IN OHIO[a]

Year and Month	Manufacturing Employment (in thousands)			Production Workers in Manufacturing		
	All Manufacturing	Durable Goods	Nondurable Goods	Production Workers (in thousands)	Aggregate Weekly Payroll (in millions)	Aggregate Weekly Hours (in millions)
1973	1,426.3	1,018.2	408.1	1,046.7	$210.8	44.3
1974	1,416.6	1,013.1	403.5	1,028.7	217.4	42.4
1975	1,267.5	892.4	375.1	897.8	201.5	36.2
1976	1,295.3	910.6	384.6	926.1	233.9	38.2
1977	1,344.1	945.2	398.9	958.0	271.2	40.2
1978	1,377.2	974.5	402.7	985.5	302.5	41.5
1979	1,382.3	980.5	401.8	979.0	318.5	40.6
1980	1,264.3	882.6	381.8	867.8	301.9	35.2
1981	1,232.6	860.4	372.2	847.7	330.4	34.7
1982	1,099.9	752.4	347.5	735.7	297.1	29.5
1983	1,066.9	723.6	343.3	721.7	315.7	29.9
1983						
January .	1,029.2	695.2	334.0	680.8	282.6	27.4
February.	1,030.8	695.8	334.9	684.9	287.2	27.7
March ...	1,039.3	703.2	336.1	692.5	293.8	28.3
April ...	1,047.6	710.1	337.4	702.1	301.8	28.9
May	1,054.8	716.2	338.6	709.8	306.6	29.2
June	1,064.1	721.8	342.3	718.2	314.4	29.8
July	1,062.2	720.2	341.9	715.9	309.7	29.4
August ..	1,074.7	728.4	346.3	729.3	316.1	30.0
September	1,094.3	740.8	353.5	749.0	335.5	31.5
October .	1,099.1	748.1	351.0	755.4	340.1	31.7
November.	1,104.4	752.9	351.4	761.9	348.7	32.4
December.	1,101.9	749.8	352.0	760.2	352.4	32.5
1984						
January .	1,101.0	750.1	350.9	758.9	350.4	32.3

Year and Month	Production Workers Average Weekly Earnings			Production Workers Average Weekly Hours			Production Workers Average Hourly Earnings		
	Manufacturing	Durable Goods	Nondurable Goods	Manufacturing	Durable Goods	Nondurable Goods	Manufacturing	Durable Goods	Nondurable Goods
1973	$201.35	$207.95	$185.89	42.3	42.7	41.4	$4.76	$4.87	$4.49
1974	211.36	216.94	196.17	41.2	41.4	40.7	5.13	5.24	4.82
1975	224.47	228.90	211.85	40.3	40.3	40.2	5.57	5.68	5.27
1976	252.54	258.75	235.00	41.2	41.4	41.3	6.10	6.25	5.69
1977	283.08	292.02	258.34	42.0	42.2	41.4	6.74	6.92	6.24
1978	306.91	316.83	279.30	42.1	42.3	41.5	7.29	7.49	6.73
1979	325.36	335.30	297.98	41.5	41.6	41.1	7.84	8.06	7.25
1980	347.94	358.57	319.99	40.6	40.7	40.2	8.57	8.81	7.96
1981	389.78	401.64	358.16	40.9	40.9	40.7	9.53	9.82	8.80
1982	403.81	414.80	378.95	40.1	40.0	40.4	10.07	10.37	9.38
1983	437.18	452.35	402.52	41.4	41.5	41.2	10.56	10.90	9.77
1983									
January .	415.09	427.99	387.03	40.3	40.3	40.4	10.30	10.62	9.58
February.	419.35	433.76	386.72	40.4	40.5	40.2	10.38	10.71	9.62
March ...	424.32	437.38	393.01	40.8	40.8	40.6	10.40	10.72	9.68
April ...	429.91	444.14	397.96	41.1	41.2	40.9	10.46	10.78	9.73
May	431.96	447.69	397.80	41.1	41.3	40.8	10.51	10.84	9.75
June	437.83	452.61	402.11	41.5	41.6	41.2	10.55	10.88	9.76
July	432.55	445.67	403.60	41.0	41.0	41.1	10.55	10.87	9.82
August ..	433.42	445.52	403.50	41.2	41.1	41.3	10.52	10.84	9.77
September	447.94	463.52	410.62	42.1	42.1	41.9	10.64	11.01	9.80
October .	450.24	468.68	408.78	42.0	42.3	41.5	10.72	11.08	9.85
November.	457.73	475.68	413.97	42.5	42.7	41.9	10.77	11.14	9.88
December.	463.52	483.15	419.05	42.8	43.1	42.2	10.83	11.21	9.93
1984									
January .	461.78	480.64	418.05	42.6	42.8	42.1	10.84	11.23	9.93

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

EMPLOYMENT AND AVERAGE WEEKLY EARNINGS IN SELECTED MAJOR MANUFACTURING INDUSTRIES IN OHIO[a]

Year and Month	Stone, Clay and Glass Products	Primary Metal Industries	Fabricated Metal Products	Machinery, Except Electrical	Electric & Electronic Equipment	Transportation Equipment	Food and Kindred Products	Printing and Publishing	Rubber and Plastics Products
	EMPLOYMENT (in thousands)								
1973	73.3	179.3	175.2	219.9	134.1	167.2	76.4	67.7	109.8
1974	72.2	172.4	172.7	227.7	131.4	162.5	76.0	67.4	107.3
1975	65.3	151.5	150.4	207.7	112.9	140.8	73.5	64.8	94.8
1976	66.9	154.6	157.9	205.9	115.5	142.0	73.8	64.5	98.2
1977	67.1	157.7	166.5	210.7	120.9	151.8	74.4	65.4	107.4
1978	69.9	157.5	173.9	216.7	122.2	164.1	74.6	66.6	107.4
1979	69.7	158.9	175.5	223.6	117.6	165.8	74.4	67.6	106.7
1980	64.5	139.8	157.6	211.4	106.4	139.1	72.7	67.4	92.7
1981	61.0	138.9	154.7	204.2	101.9	136.9	69.2	66.1	89.0
1982	54.2	112.7	134.9	176.7	93.4	121.7	66.9	63.2	80.4
1983	52.7	104.5	130.9	153.1	90.2	131.6	64.5	62.3	82.4
1983									
January .	50.1	98.2	124.7	154.2	89.0	122.6	62.7	61.6	77.1
February.	49.7	99.5	126.3	151.6	88.3	123.6	62.4	62.0	78.2
March ...	50.2	102.8	126.6	151.3	88.0	126.3	62.7	62.4	78.7
April ...	51.7	103.1	127.6	151.5	89.5	127.7	62.6	62.2	79.8
May	52.1	103.4	128.5	152.4	89.6	130.2	62.6	62.3	80.6
June	53.1	103.5	129.8	152.0	90.0	132.1	64.2	62.4	81.5
July	53.3	103.0	129.4	152.1	89.7	131.6	64.0	61.9	82.1
August ..	54.0	105.1	132.2	152.6	89.6	132.8	66.4	61.9	83.5
September	54.8	107.4	134.6	154.8	91.5	134.8	69.5	62.6	85.6
October .	54.9	108.0	136.5	154.5	92.4	138.8	66.4	62.6	86.4
November.	55.0	109.8	137.8	155.3	92.4	139.9	65.2	62.8	87.4
December.	53.7	110.3	137.3	155.5	91.9	138.5	65.2	63.0	87.5
1984									
January .	52.7	110.6	137.5	156.5	92.3	138.0	64.6	62.7	87.8
	AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS								
1973	$189.09	$228.72	$204.67	$208.80	$176.29	$241.01	$188.34	$203.06	$139.12
1974	194.21	246.03	213.05	219.05	184.61	244.91	204.89	211.14	139.42
1975	207.55	256.46	224.80	228.25	201.30	269.22	222.68	226.95	213.31
1976	232.40	294.58	256.68	253.31	221.54	302.87	242.92	252.20	237.30
1977	253.95	324.54	288.44	279.18	248.44	359.20	258.54	271.96	263.97
1978	274.81	366.24	307.23	306.16	268.45	389.66	281.15	285.18	282.79
1979	293.34	395.43	323.98	329.09	289.27	331.56	304.50	302.62	300.66
1980	315.43	422.01	349.34	352.77	316.31	414.89	329.85	320.92	323.61
1981	348.02	484.04	389.61	389.16	350.27	471.50	362.75	347.70	358.57
1982	376.88	480.54	398.77	392.69	396.56	506.39	386.04	358.45	381.11
1983	400.57	503.85	460.65	424.09	394.69	557.32	403.79	375.62	412.25
1983									
January .	385.01	496.16	427.00	401.37	380.09	517.33	391.68	370.32	392.22
February.	381.35	500.47	433.78	405.38	379.20	529.44	384.87	362.36	397.57
March ...	387.32	487.71	441.56	407.82	380.25	543.26	389.50	371.14	406.27
April ...	388.35	497.68	451.26	411.25	384.40	549.25	396.47	369.64	411.83
May	397.85	493.96	452.28	417.91	384.96	560.33	401.58	367.52	413.10
June	400.20	496.11	469.86	424.91	392.85	563.82	408.53	371.51	414.62
July	403.44	496.50	447.79	420.09	390.34	543.97	412.29	369.27	409.96
August ..	401.64	492.89	449.35	421.14	395.60	541.80	409.04	371.35	407.11
September	409.18	522.49	471.28	431.09	406.39	570.49	415.86	378.00	422.18
October .	412.17	514.18	479.45	436.31	408.04	581.79	396.89	384.94	425.87
November.	415.33	520.38	490.91	450.24	411.27	586.64	410.98	392.18	421.20
December.	421.16	525.79	505.52	463.54	415.17	588.60	420.30	393.97	422.61
1984									
January .	422.77	524.15	491.97	464.36	410.41	587.29	410.20	392.18	427.39

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN OHIO[a]
JANUARY 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	January 1984[b]	December 1983[c]	January 1983[c]	December 1983	January 1983
TOTAL	4082.8	4176.1	3964.2	- 2.2	3.0
MANUFACTURING	1101.0	1101.9	1029.2	- .1	7.0
Durable Goods[e]	750.1	749.8	695.2	.0	7.9
Lumber and wood products	14.9	14.9	12.1	.0	23.6
Furniture and fixtures	13.9	13.8	12.5	.8	11.9
Household furniture	6.3	6.3	5.5	1.2	15.4
Stone, clay, and glass products	52.7	53.7	50.1	- 1.9	5.2
Glass and glassware, pressed or blown	13.7	13.6	13.7	1.0	.5
Structural clay products	4.2	4.7	4.1	- 11.0	2.4
Pottery and related products	5.3	5.5	5.6	- 3.3	- 5.6
Primary metal industries	110.6	110.3	98.2	.3	12.6
Blast furnace and basic steel products	54.7	54.8	48.1	- .1	13.9
Iron and steel foundries	21.9	21.8	20.0	.7	9.4
Nonferrous rolling and drawing	18.9	19.0	17.0	- .1	11.4
Nonferrous foundries	9.1	8.9	7.7	2.3	19.3
Fabricated metal products	137.5	137.3	124.7	.1	10.2
Cutlery, hand tools, and hardware	11.2	11.2	10.3	.1	8.2
Plumbing and heating, except electric	4.7	4.7	4.5	.6	5.7
Fabricated structural metal products	29.0	29.2	28.3	- .8	2.2
Screw machine products, bolts, etc.	8.8	8.8	8.1	.0	9.2
Metal forgings and stampings	42.9	42.8	35.5	.2	21.1
Machinery, except electrical	156.5	155.5	154.2	.6	1.5
Construction and related machinery	15.7	15.7	17.0	.0	- 8.1
Metalworking machinery	38.4	38.3	40.2	.3	- 4.4
Special industry machinery	16.2	16.2	16.3	- .2	- 1.1
General industrial machinery	30.7	30.5	29.1	.5	5.4
Electric and electronic equipment	92.3	91.9	89.0	.4	3.7
Electrical industrial apparatus	18.9	18.8	18.8	.5	.3
Household appliances	16.0	16.1	15.0	- .3	6.6
Electric lighting and wiring equipment	18.6	18.6	17.8	- .2	4.5
Communication equipment	9.9	10.0	10.2	- .2	- 2.3
Transportation equipment	138.0	138.5	122.6	- .3	12.5
Motor vehicles and equipment	92.1	92.7	79.2	- .7	16.3
Aircraft and parts	37.7	37.7	35.7	.1	5.7
Instruments and related products	21.4	21.2	19.8	1.0	8.1
Measuring and controlling devices	12.6	12.5	11.7	1.2	8.1
Nondurable Goods[f]	350.9	352.0	334.0	- .3	5.0
Food and kindred products	64.6	65.2	62.7	- 1.0	3.1
Meat products	10.3	10.7	9.4	- 3.2	9.8
Dairy products	10.2	10.2	10.3	- .3	- 1.0
Bakery products	9.8	9.9	9.6	- 1.7	1.5
Beverages	10.5	10.5	10.4	- .3	1.2
Textile mill products	4.7	4.7	4.2	1.0	11.7
Apparel and other textile products	17.2	17.3	15.6	- .5	9.8
Paper and allied products	35.1	35.5	34.6	- 1.2	1.4
Paper mills, except building paper	9.4	9.5	9.1	- .9	3.9
Misc. converted paper products	11.4	11.5	11.1	- .9	2.5
Paperboard containers and boxes	11.3	11.6	11.3	- 1.9	.5
Printing and publishing	62.7	63.0	61.6	- .4	1.8
Newspapers	18.1	18.2	17.9	- .5	1.2
Commercial printing	23.0	23.1	22.5	- .7	2.1
Chemicals and allied products	64.2	64.2	64.0	.0	.3
Industrial inorganic chemicals	11.3	11.3	12.0	.4	- 5.6
Plastics materials and synthetics	8.9	8.9	8.8	.1	.5
Petroleum and coal products	9.4	9.5	8.7	- 1.5	7.6
Rubber and misc. plastics products	87.8	87.5	77.1	.4	13.9
Tires and inner tubes	20.3	20.3	20.3	.0	.2
Miscellaneous plastics products	46.7	46.5	38.8	.3	20.3
Leather and leather products	5.0	5.0	5.3	.2	- 5.8

See footnotes at end of table.

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN OHIO[a]
JANUARY 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	January 1984[b]	December 1983[c]	January 1983[c]	Jan. 1984[b]	Dec. 1983[c]	Jan. 1983[c]	Jan. 1984[b]	Dec. 1983[c]	Jan. 1983[c]
TOTAL	.....	.....	.....	....	....	....	....	....	....
MANUFACTURING	$461.78	$463.52	$415.09	42.6	42.8	40.3	$10.84	$10.83	$10.30
Durable Goods[d]	480.64	483.15	427.99	42.8	43.1	40.3	11.23	11.21	10.62
Lumber and wood products	290.94	287.62	296.25	39.8	39.4	39.5	7.31	7.30	7.50
Furniture and fixtures	324.24	326.56	304.57	41.2	41.6	38.7	7.87	7.85	7.87
Household furniture	277.14	290.39	269.37	39.2	40.5	38.1	7.07	7.17	7.07
Stone, clay, and glass products	422.77	421.16	385.01	41.9	42.2	40.4	10.09	9.98	9.53
Glass and glassware, pressed or blown	431.07	435.01	398.97	40.4	41.0	39.0	10.67	10.61	10.23
Structural clay products	289.28	299.80	279.58	39.9	40.9	39.6	7.25	7.33	7.06
Pottery and related products	333.64	325.84	317.25	38.0	37.8	37.5	8.78	8.62	8.46
Primary metal industries	524.15	525.79	466.16	42.1	42.3	38.8	12.45	12.43	12.59
Blast furnace and basic steel products	523.93	522.70	503.89	40.9	40.9	36.7	12.81	12.78	13.73
Iron and steel foundries	531.48	529.33	475.47	43.0	43.0	40.5	12.36	12.31	11.74
Nonferrous rolling and drawing	579.42	578.92	498.98	43.5	43.3	40.7	13.32	13.37	12.26
Nonferrous foundries	428.09	445.47	382.22	44.5	46.5	41.5	9.62	9.58	9.21
Fabricated metal products	491.37	505.52	427.00	43.6	44.5	40.9	11.27	11.36	10.44
Cutlery, hand tools, and hardware	518.66	503.37	400.81	42.9	42.3	38.1	12.09	11.90	10.52
Plumbing and heating, except electric	386.06	389.42	343.54	42.1	42.7	38.6	9.17	9.12	8.90
Fabricated structural metal products	427.00	444.28	406.13	42.7	43.6	41.4	10.00	10.19	9.81
Screw machine products, bolts, etc.	415.68	406.93	369.47	43.3	42.7	39.6	9.60	9.53	9.33
Metal forgings and stampings	604.66	692.48	502.90	45.6	47.2	41.7	13.26	13.40	12.06
Machinery, except electrical	469.36	463.54	401.37	43.1	43.0	39.7	10.89	10.78	10.11
Construction and related machinery	420.00	430.14	379.71	39.4	40.2	37.3	10.66	10.70	10.18
Metalworking machinery	437.38	431.60	393.90	42.3	41.7	39.0	10.34	10.35	10.10
Special industry machinery	444.53	456.26	394.28	43.2	44.6	40.9	10.29	10.23	9.64
General industrial machinery	462.51	463.49	397.55	42.2	42.6	39.4	10.96	10.88	10.09
Electric and electronic equipment	410.41	415.17	380.09	41.0	41.6	39.8	10.01	9.98	9.55
Electrical industrial apparatus	378.97	387.73	348.67	39.6	40.6	38.4	9.57	9.55	9.08
Household appliances	424.95	424.13	400.58	40.9	41.5	40.3	10.39	10.22	9.94
Electric lighting and wiring equipment	404.17	409.64	375.97	41.2	41.8	41.0	9.81	9.80	9.17
Communication equipment	428.57	464.59	411.03	40.7	42.5	40.1	10.53	10.93	10.25
Transportation equipment	587.29	588.60	517.33	44.9	45.0	42.3	13.08	13.08	12.23
Motor vehicles and equipment	610.16	607.45	537.17	45.5	45.4	42.7	13.41	13.38	12.58
Aircraft and parts	532.59	547.28	472.99	43.3	44.1	41.6	12.30	12.41	11.37
Instruments and related products	324.39	327.59	292.08	40.6	41.0	39.1	7.99	7.99	7.47
Measuring and controlling devices	323.16	325.14	299.38	40.7	40.7	39.0	7.94	7.99	7.42
Nondurable Goods[e]	418.05	419.05	387.09	42.1	42.2	40.4	9.93	9.93	9.58
Food and kindred products	410.20	420.30	391.68	41.9	42.8	41.1	9.79	9.82	9.53
Meat products	393.71	402.14	402.12	41.4	42.6	40.7	9.51	9.44	9.88
Dairy products	423.90	427.49	384.68	43.6	43.8	42.6	9.71	9.76	9.03
Bakery products	442.88	427.84	394.02	41.9	40.4	39.6	10.57	10.59	9.95
Beverages	367.06	373.46	338.45	39.3	40.2	38.2	9.34	9.29	8.86
Textile mill products	321.72	322.41	274.31	42.0	42.2	39.3	7.66	7.64	6.98
Apparel and other textile products	248.58	253.13	213.56	38.6	39.8	35.7	6.44	6.36	6.15
Paper and allied products	449.45	448.23	404.78	44.9	44.6	43.2	10.01	10.05	9.37
Paper mills, except building paper	558.99	561.68	503.15	47.9	47.6	47.2	11.67	11.80	10.66
Misc. converted paper products	394.90	396.68	364.17	43.3	43.4	42.1	9.12	9.14	8.65
Paperboard containers and boxes	404.76	392.05	360.04	43.9	42.8	41.1	9.22	9.16	8.76
Printing and publishing	392.18	392.97	370.02	38.6	38.7	37.3	10.16	10.18	9.92
Newspapers	323.70	325.32	308.84	33.2	33.6	30.7	9.75	9.70	10.06
Commercial printing	418.97	416.34	380.09	40.5	40.5	38.2	10.33	10.28	9.95
Chemicals and allied products	472.08	476.15	435.42	42.0	42.4	41.0	11.24	11.23	10.62
Industrial inorganic chemicals	521.33	514.09	461.55	43.3	42.8	41.1	12.04	12.01	11.23
Plastics materials and synthetics	534.45	538.35	473.67	44.5	44.9	43.1	12.01	11.99	10.99
Petroleum and coal products	631.95	615.17	565.40	44.1	43.2	41.3	14.33	14.24	13.69
Rubber and misc. plastics products	427.33	422.61	392.22	43.8	43.3	41.2	9.77	9.76	9.52
Tires and inner tubes	568.38	567.09	533.20	44.9	44.3	43.0	12.67	12.63	12.40
Miscellaneous plastics products	420.12	414.72	372.71	43.9	43.2	40.6	9.57	9.60	9.18
Leather and leather products	215.21	213.98	218.89	39.2	39.1	39.5	5.49	5.47	5.54

See footnotes at end of table.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN OHIO[a]
January 1984 (Continued)

Industry	Employment (in thousands)			Percent Change From[d]	
	January 1984[b]	December 1983[c]	January 1983[c]	December 1983	January 1983
NONMANUFACTURING	2981.8	3074.2	2935.0	- 3.0	1.6
MINING	26.8	27.1	26.7	- 1.1	.1
Bituminous coal and lignite mining	11.7	11.7	11.1	.0	5.6
CONSTRUCTION	113.7	130.9	107.4	- 13.1	5.9
General building contractors	28.6	32.9	26.5	- 12.9	8.1
Heavy construction contractors	14.4	18.3	14.0	- 21.7	2.5
TRANSPORTATION AND PUBLIC UTILITIES	194.1	200.2	194.1	- 3.1	.0
Railroad transportation	18.0	18.6	18.6	- 3.2	- 3.1
Transportation, except railroads	83.5	88.6	80.8	- 5.8	3.4
Trucking and warehousing	59.7	64.1	58.6	- 6.8	2.0
Communication, electric, gas services	92.6	93.0	94.8	- .4	- 2.3
Communication	52.5	53.0	54.1	- .8	- 2.9
Electric, gas, and sanitary services	40.1	40.0	40.7	.1	- 1.5
WHOLESALE TRADE	218.2	221.3	216.5	- 1.4	.8
Wholesale trade-durable goods	136.7	138.6	135.7	- 1.4	.7
Motor vehicles & automotive equipment	20.0	20.3	20.0	- 1.5	.0
Electrical goods	18.4	18.7	18.4	- 1.6	- .2
Machinery, equipment, and supplies	57.6	57.9	57.2	- .5	.7
Wholesale trade-nondurable goods	81.6	82.7	80.8	- 1.3	.9
Groceries and related products	25.7	25.8	25.2	- .6	1.7
RETAIL TRADE	690.8	730.4	682.9	- 5.4	1.1
General merchandise stores	111.0	125.6	113.5	- 11.6	- 2.1
Department stores	102.4	115.9	104.6	- 11.7	- 2.1
Food stores	117.6	120.9	114.6	- 2.7	2.6
Automotive dealers & service stations	73.1	74.3	73.4	- 1.6	- .5
Apparel and accessory stores	33.2	36.8	33.6	- 10.0	- 1.4
FINANCE, INSURANCE, AND REAL ESTATE	210.8	212.1	205.4	- .6	2.6
Banking	58.1	58.4	58.8	- .6	- 1.2
Credit agencies other than banks	31.9	31.8	30.1	.1	5.7
Insurance carriers	59.3	59.2	59.1	.1	.4
SERVICES	866.8	880.7	843.8	- 1.6	2.7
Hotels and other lodging places	27.2	28.5	27.0	- 4.8	.6
Laundry, cleaning, & garment services	16.2	16.5	16.0	- 2.3	.8
Business services	127.8	131.3	120.8	- 2.7	5.8
Health services	324.9	324.0	315.4	.3	3.0
Hospitals	177.7	177.0	174.3	.4	2.0
GOVERNMENT	660.7	671.5	658.2	- 1.6	.4
Federal government	89.0	88.9	88.1	.0	1.0
State government	140.7	147.0	141.0	- 4.3	- .2
State government, except education	69.2	69.3	70.9	- .1	- 2.3
State government education[i]	71.5	77.8	70.1	- 8.0	2.1
Local government	431.0	435.5	429.1	- 1.0	.4
Local government, except education	178.6	179.6	179.3	- .6	- .4
Local government education	252.3	255.9	249.8	- 1.4	1.0

[a]Estimated in cooperation with U. S. Bureau of Labor Statistics. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes miscellaneous manufacturing. [f]Includes tobacco manufactures. [h]Depressed due to labor-management disputes. [i]Includes State Universities, State Schools for Deaf and Blind, and the State Library. Excludes hospitals, the agricultural extension service, agricultural research centers, and departments coordinating and administering educational programs (notably, the Ohio Department of Education).

Labor Market Information Division
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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN OHIO[a]
JANUARY 1984 (Continued)

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	January 1984[b]	December 1983[c]	January 1983[c]	Jan. 1984[b]	Dec. 1983[c]	Jan. 1983[c]	Jan. 1984[b]	Dec. 1983[c]	Jan. 1983[c]
NONMANUFACTURING	.....	.....	.....	....	....	....	....	....	....
MINING	$489.48	$482.24	$483.32	43.7	43.8	44.0	$11.21	$11.01	$10.53
Bituminous coal and lignite mining	582.84	575.84	562.84	42.5	41.2	43.1	13.95	13.98	13.06
CONSTRUCTION	585.29	588.60	553.84	36.9	37.1	37.0	15.86	15.66	14.97
General building contractors	498.78	515.19	445.42	35.2	36.2	36.2	14.17	14.23	13.64
Heavy construction contractors	566.72	557.84	552.89	36.9	36.0	36.1	15.06	14.66	14.51
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	....	....	....
Railroad transportation	.....	.....	.....	....	....	....	....	....	....
Transportation, except railroads	.....	.....	.....	....	....	....	....	....	....
Trucking and warehousing	467.50	473.77	451.06	37.4	38.3	36.2	12.50	12.37	12.46
Communication, electric, gas services	486.24	488.38	444.89	40.6	41.8	39.9	11.98	11.71	11.15
Communication	442.07	443.27	443.48	40.6	41.8	39.5	12.12	12.04	11.24
Electric, gas, and sanitary services	479.85	481.44	446.42	40.7	40.8	40.4	11.79	11.80	11.04
WHOLESALE TRADE	339.49	336.91	319.41	39.8	39.8	38.6	8.53	8.45	8.28
Wholesale trade-durable goods	336.[illegible]	334.[illegible]	314.94	40.3	40.3	38.0	8.28	8.19	8.06
Motor vehicles & automotive equipment	270.59	270.27	273.35	38.6	38.5	37.6	7.01	7.02	7.27
Electrical goods	277.02	281.05	245.72	38.0	38.5	36.3	7.29	7.30	6.99
Machinery, equipment, and supplies	376.16	373.60	346.81	41.2	41.1	39.5	9.13	9.09	8.78
Wholesale trade-nondurable goods	348.04	345.43	329.46	38.8	38.9	38.0	8.97	8.88	8.67
Groceries and related products	377.91	376.64	361.89	41.6	42.0	39.8	9.07	9.02	8.84
RETAIL TRADE[f]	159.50	169.14	154.41	29.0	30.1	28.7	5.50	5.42	5.38
General merchandise stores	166.86	175.16	155.70	30.6	33.3	29.5	5.42	5.26	5.28
Department stores	168.54	178.02	150.05	30.7	33.4	29.6	5.49	5.33	5.07
Food stores	211.69	214.76	201.46	34.9	34.4	34.7	7.09	6.55	7.23
Automotive dealers & service stations	219.44	218.38	199.55	36.3	36.9	36.1	5.88	5.85	5.50
Apparel and accessory stores	111.05	127.46	113.45	24.9	28.2	26.2	4.57	4.52	4.39
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	....	....	....
Banking	221.60	218.44	212.49	....	....	....	....	....	....
Credit agencies other than banks	215.04	212.02	211.08	....	....	....	....	....	....
Insurance carriers	249.10	249.26	249.11	....	....	....	....	....	....
SERVICES	.....	.....	.....	....	....	....	....	....	....
Hotels and other lodging places	.....	.....	.....	....	....	....	....	....	....
Laundry, cleaning, & garment services	.....	.....	.....	....	....	....	....	....	....
Business services	.....	.....	.....	....	....	....	....	....	....
Health services	.....	.....	.....	....	....	....	....	....	....
Hospitals	285.34	282.74	279.71	33.6	33.5	34.3	8.51	8.44	7.98
GOVERNMENT	.....	.....	.....	....	....	....	....	....	....
Federal government	.....	.....	.....	....	....	....	....	....	....
State government	.....	.....	.....	....	....	....	....	....	....
State government, except education	.....	.....	.....	....	....	....	....	....	....
State government education	.....	.....	.....	....	....	....	....	....	....
Local government	.....	.....	.....	....	....	....	....	....	....
Local government, except education	.....	.....	.....	....	....	....	....	....	....
Local government education	.....	.....	.....	....	....	....	....	....	....

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b]Preliminary. [c]Revised. [d]Includes miscellaneous manufacturing. [e]Includes tobacco manufactures. [f]Money payments only, tips not included. [h]Low due to labor-management disputes during part of pay period.

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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN AKRON METROPOLITAN AREA[a]
JANUARY 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	January 1984[b]	December 1983[c]	January 1983[c]	December 1983	January 1983
TOTAL	243.4	250.9	236.8	- 3.0	2.8
MANUFACTURING	66.2	66.2	63.5	.1	4.3
Durable Goods[e]	33.6	33.6	31.3	.2	7.6
Stone, clay, and glass products	1.4	1.4	1.3	.6	4.1
Fabricated metal products	12.6	12.7	11.9	- .7	6.5
Machinery, except electrical	8.6	8.6	8.1	.3	6.1
Special industry machinery	1.4	1.4	1.4	- .9	- 2.3
Nondurable Goods[f]	32.6	32.6	32.2	- .1	1.0
Food and kindred products	2.7	2.7	2.7	.8	1.4
Chemicals and allied products	3.0	2.9	3.2	.9	- 8.3
Rubber and misc. plastics products	21.7	21.7	21.4	.1	1.4
Tires and inner tubes	15.4	15.4	15.7	.0	- 2.1
NONMANUFACTURING[g]	177.2	184.7	173.3	- 4.1	2.3
CONSTRUCTION	5.6	6.8	5.2	- 17.6	7.4
TRANSPORTATION AND PUBLIC UTILITIES	12.1	12.5	12.3	- 3.2	- 1.8
Communication, electric, gas services	5.3	5.3	5.5	.2	- 3.5
WHOLESALE TRADE	11.6	11.8	11.5	- 1.5	.7
RETAIL TRADE	44.3	47.0	43.4	- 5.7	2.1
FINANCE, INSURANCE, AND REAL ESTATE	9.5	9.5	9.2	- .5	3.3
SERVICES	52.6	53.4	50.6	- 1.5	3.9
GOVERNMENT	40.9	43.0	40.4	- 5.0	1.2
State government (includes education)	12.7	14.9	12.5	- 15.1	1.7
Local government (includes education)	26.1	26.0	25.9	.7	1.0

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Akron area is defined as Portage and Summit Counties. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; primary metal industries; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Depressed due to labor-management disputes.

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN AKRON METROPOLITAN AREA[a]
JANUARY 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	January 1984[b]	December 1983[c]	January 1983[c]	Jan. 1984[b]	Dec. 1983[c]	Jan. 1983[c]	Jan. 1984[b]	Dec. 1983[c]	Jan. 1983[c]
TOTAL	.....	.....	.....	....	....	....	....	....	....
MANUFACTURING	$479.33	$500.96	$433.93	44.3	45.5	42.5	$10.82	$11.01	$10.21
Durable Goods[d]	507.15	545.37	434.69	45.0	47.3	42.7	11.27	11.53	10.18
Stone, clay, and glass products	382.00	385.52	373.77	40.0	40.2	41.3	9.55	9.59	9.05
Fabricated metal products	645.77	724.17	464.38	48.3	52.4	42.8	13.37	13.82	10.85
Machinery, except electrical	401.45	420.38	424.95	43.4	45.3	43.9	9.25	9.28	9.68
Special industry machinery	436.63	468.00	373.97	44.6	46.8	39.7	9.79	10.00	9.42
Nondurable Goods[e]	440.51	438.60	433.15	43.4	43.0	42.3	10.15	10.20	10.24
Food and kindred products	458.88	473.80	424.34	44.9	46.0	43.3	10.22	10.30	9.80
Chemicals and allied products	453.90	466.99	447.12	42.7	43.2	41.4	10.63	10.81	10.80
Rubber and misc. plastics products	461.61	455.52	440.58	44.3	43.8	42.9	10.42	10.40	10.27
Tires and inner tubes	603.59	603.59	554.26	45.9	45.9	43.2	13.15	13.15	12.83
NONMANUFACTURING	.....	.....	.....	....	....	....	....	....	....
CONSTRUCTION	577.43	569.06	566.63	36.5	35.7	37.6	15.82	15.94	15.07
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	....	....	....
Communication, electric, gas services	502.25	503.07	451.20	40.8	41.0	40.0	12.31	12.27	11.28
WHOLESALE TRADE	301.48	305.36	287.25	38.9	39.3	38.3	7.75	7.77	7.50
RETAIL TRADE[f]	174.64	177.75	169.94	29.7	30.7	29.2	5.88	5.79	5.82
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	....	....	....
SERVICES	.....	.....	.....	....	....	....	....	....	....
GOVERNMENT	.....	.....	.....	....	....	....	....	....	....
State government (includes education)	.....	.....	.....	....	....	....	....	....	....
Local government (includes education)	.....	.....	.....	....	....	....	....	....	....

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Akron area is defined as Portage and Summit Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b]Preliminary. [c]Revised. [d]Includes lumber and wood products; furniture and fixtures; primary metal industries; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [e]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [f]Money payments only, tips not included. [h]Low due to labor-management disputes during part of pay period.

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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CANTON METROPOLITAN AREA[a]
JANUARY 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	January 1984[b]	December 1983[c]	January 1983[c]	December 1983	January 1983
TOTAL	143.1	146.7	139.4	- 2.4	2.7
MANUFACTURING	44.5	44.9	41.8	- .8	6.6
Durable Goods[e]	33.6	33.8	31.6	- .5	6.5
Stone, clay, and glass products	1.7	1.7	1.7	- .4	1.6
Primary metal industries	10.9	11.0	9.0	- .4	21.1
Fabricated metal products	7.5	7.7	7.4	- 2.8	1.2
Fabricated structural metal products	1.9	1.9	2.2	- 1.2	- 16.5
Metal forgings and stampings	2.3	2.4	1.9	- 5.2	23.4
Nondurable Goods[f]	10.9	11.1	10.2	- 1.9	7.0
Food and kindred products	3.8	4.1	3.7	- 7.3	2.1
Rubber and misc. plastics products	2.8	2.7	2.3	1.8	22.6
NONMANUFACTURING[g]	98.6	101.8	97.6	- 3.2	1.0
CONSTRUCTION	3.6	4.5	3.4	- 19.5	4.5
TRANSPORTATION AND PUBLIC UTILITIES	5.7	5.8	6.0	- 2.9	- 5.1
Communication, electric, gas services	2.7	2.7	2.9	.1	- 6.8
WHOLESALE TRADE	7.3	7.4	7.1	- 1.0	3.7
RETAIL TRADE	25.1	26.5	25.1	- 5.3	.0
FINANCE, INSURANCE, AND REAL ESTATE	6.6	6.6	6.4	- .6	2.3
SERVICES	30.5	31.0	29.9	- 1.5	2.1
GOVERNMENT	18.5	18.6	18.5	- 1.1	- .2
Local government (includes education)	15.7	15.8	15.6	- 1.1	.3

[a]Estimated in cooperation with U. S. Bureau of Labor Statistics. Canton area is defined as Carroll and Stark Counties. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Depressed due to labor-management disputes.

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CANTON METROPOLITAN AREA[a]

JANUARY 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	January 1984[b]	December 1983[c]	January 1983[c]	Jan. 1984[b]	Dec. 1983[c]	Jan. 1983[c]	Jan. 1984[b]	Dec. 1983[c]	Jan. 1983[c]
TOTAL	.....	.....	.....	....	....	....	....	....	....
MANUFACTURING	$442.95	$443.90	$408.67	40.6	40.8	38.7	$10.91	$10.88	$10.56
Durable Goods[d]	454.26	459.19	422.14	40.2	40.6	38.8	11.30	11.31	10.88
Stone, clay, and glass products	272.44	276.69	256.76	39.2	40.1	39.2	6.95	6.90	6.55
Primary metal industries	484.41	485.13	467.13	40.2	40.5	36.7	12.05	11.98	12.73
Fabricated metal products	522.00	527.07	451.60	41.2	41.6	40.0	12.67	12.67	11.29
Fabricated structural metal products	483.08	474.01	401.19	42.6	41.8	38.1	11.34	11.34	10.53
Metal forgings and stampings	696.51	653.57	526.10	43.3	44.4	40.5	14.70	14.72	12.99
Nondurable Goods[e]	407.27	397.99	362.70	41.9	41.5	38.3	9.72	9.59	9.47
Food and kindred products	411.27	421.28	417.01	41.5	42.9	38.9	9.91	9.82	10.72
Rubber and misc. plastics products	470.02	452.09	371.60	45.9	45.3	41.8	10.24	9.98	8.89
NONMANUFACTURING	.....	.....	.....	....	....	....	....	....	....
CONSTRUCTION	546.19	567.50	532.40	36.1	36.5	35.9	15.13	15.55	14.83
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	....	....	....
Communication, electric, gas services	490.77	495.60	458.54	41.0	41.3	40.4	11.97	12.00	11.35
WHOLESALE TRADE	319.52	323.39	300.09	38.6	37.3	36.5	8.73	8.67	8.22
RETAIL TRADE[f]	158.47	163.10	152.30	29.4	30.6	28.9	5.39	5.33	5.27
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	....	....	....
SERVICES	.....	.....	.....	....	....	....	....	....	....
GOVERNMENT	.....	.....	.....	....	....	....	....	....	....
Local government (includes education)	.....	.....	.....	....	....	....	....	....	....

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Canton area is defined as Carroll and Stark Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b]Preliminary. [c]Revised. [d]Includes lumber and wood products; furniture and fixtures; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [e]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [f]Money payments only, tips not included. [h]Low due to labor-management disputes during part of pay period.

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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CINCINNATI METROPOLITAN AREA[a]
JANUARY 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	January 1984[b]	December 1983[c]	January 1983[c]	December 1983	January 1983
TOTAL	570.2	583.8	560.1	- 2.0	2.2
MANUFACTURING	143.4	141.7	138.8	1.2	3.3
Durable Goods[e]	77.0	75.9	75.8	2.6	2.8
Furniture and fixtures	2.2	2.1	2.0	1.2	6.9
Primary metal industries	1.9	2.0	1.7	- 2.6	12.8
Fabricated metal products	12.6	12.7	11.8	- .5	6.6
Fabricated structural metal products	3.9	4.0	3.7	- 2.6	5.0
Machinery, except electrical	18.5	18.6	19.8	- .5	- 6.6
Metalworking machinery	7.7	7.8	9.1	- .7	- 14.7
General industrial machinery	3.3	3.4	3.4	- 3.4	- 1.0
Electric and electronic equipment	8.1	8.1	7.8	.5	4.8
Transportation equipment	25.4	23.0	23.6	10.3	7.8
Motor vehicles and equipment	10.5	8.1	8.9	29.1	17.5
Nondurable Goods[f]	66.5	65.8	63.0	- .5	3.9
Food and kindred products	14.3	14.4	14.0	- .8	2.2
Meat products	2.2	2.2	1.6[h]	- .2	41.4
Bakery products	2.4	2.4	2.3	- .9	5.9
Beverages	4.2	4.3	4.3	- .7	- 2.6
Apparel and other textile products	3.9	4.0	3.5	- 2.7	11.1
Paper and allied products	5.9	6.1	5.5	- 2.6	7.0
Printing and publishing	11.7	11.7	11.3	.0	3.3
Chemicals and allied products	21.6	21.6	21.4	- .1	1.2
Rubber and misc. plastics products	4.8	4.8	4.1	1.0	18.3
NONMANUFACTURING[g]	426.8	442.1	421.3	- 3.0	1.8
CONSTRUCTION	18.7	20.7	16.8	- 9.7	11.0
TRANSPORTATION AND PUBLIC UTILITIES	30.7	31.5	30.5	- 2.8	.4
Communication, electric, gas services	14.4	14.8	14.6	- 2.5	- 1.4
WHOLESALE TRADE	35.8	36.2	35.7	- 1.0	.4
RETAIL TRADE	101.7	107.8	101.5	- 5.6	.2
FINANCE, INSURANCE, AND REAL ESTATE	32.0	33.1	32.2	- .7	2.2
Banking	7.3	7.4	7.4	- 1.3	- .6
Insurance carriers	11.3	11.1	11.3	1.9	.3
SERVICES	128.7	131.4	123.3	- 2.0	4.4
GOVERNMENT	80.0	81.0	81.0	- 1.3	- 1.3
Federal government	12.8	12.6	12.3	2.0	4.1
State government (includes education)	17.5	17.8	19.2	- 1.5	- 8.8
Local government	49.6	50.6	49.5	- 2.0	.2
Local government, except education	21.0	21.2	21.3	- 1.0	- 1.2
Local government education	28.6	29.4	28.2	- 2.7	1.3

[a]Estimated in cooperation with U. S. Bureau of Labor Statistics. Cincinnati area is defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; stone, clay, and glass products; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Depressed due to labor-management disputes.

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CINCINNATI METROPOLITAN AREA[a]
JANUARY 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	January 1984[b]	December 1983[c]	January 1983[c]	Jan. 1984[b]	Dec. 1983[c]	Jan. 1983[c]	Jan. 1984[b]	Dec. 1983[c]	Jan. 1983[c]
TOTAL	.....	.....	.....	....	....	....	....	....	....
MANUFACTURING	$436.39	$436.30	$397.94	41.8	42.4	40.4	$10.44	$10.29	$ 9.85
Durable Goods[d]	425.39	424.37	383.44	41.3	42.1	39.9	10.30	10.08	9.61
Furniture and fixtures	320.32	332.52	280.81	39.4	40.9	36.9	8.13	8.13	7.61
Primary metal industries	476.14	476.21	387.25	40.8	41.7	37.2	11.67	11.42	10.41
Fabricated metal products	376.53	390.70	382.75	40.4	41.3	42.2	9.32	9.46	9.07
Fabricated structural metal products	354.99	385.06	335.77	39.4	41.9	41.3	9.01	9.19	8.13
Machinery, except electrical	387.71	400.01	341.72	41.6	42.6	38.7	9.32	9.39	8.83
Metalworking machinery	422.50	423.15	371.76	40.2	40.3	37.4	10.51	10.50	9.94
General industrial machinery	352.81	353.01	343.15	40.6	41.0	40.9	8.69	8.61	8.39
Electric and electronic equipment	318.98	319.19	296.32	41.0	41.4	39.3	7.78	7.71	7.54
Transportation equipment	594.94	599.35	510.79	43.3	44.2	40.7	13.74	13.56	12.55
Motor vehicles and equipment	630.98	652.74	560.52	43.1	44.8	40.5	14.64	14.57	13.84
Nondurable Goods[e]	448.38	447.73	413.50	42.3	42.6	40.9	10.60	10.51	10.11
Food and kindred products	500.25	505.89	463.70	43.5	43.8	41.7	11.50	11.55	11.12
Meat products	422.57	423.55	396.94	42.9	43.0	38.5	9.85	9.85	10.31
Bakery products	493.01	482.65	425.63	45.2	43.6	42.1	11.04	11.07	10.11
Beverages	473.72	474.80	421.07	43.5	43.6	41.0	10.89	10.89	10.27
Apparel and other textile products	211.46	217.74	212.65	35.6	38.0	35.8	5.94	5.73	5.94
Paper and allied products	393.59	411.24	350.20	43.1	44.7	41.2	9.13	9.20	8.50
Printing and publishing	447.80	444.55	395.65	41.7	41.2	38.6	10.74	10.79	10.25
Chemicals and allied products	514.04	511.20	475.69	42.1	42.6	41.4	12.21	12.00	11.49
Rubber and misc. plastics products	372.19	360.90	340.52	45.5	45.0	43.6	8.18	8.02	7.81
NONMANUFACTURING	.....	.....	.....	....	....	....	....	....	....
CONSTRUCTION	536.55	530.31	531.71	36.7	36.1	37.4	14.62	14.69	14.19
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	....	....	....
Communication, electric, gas services	456.25	453.44	413.51	39.4	39.2	38.9	11.58	11.58	10.63
WHOLESALE TRADE	345.39	348.74	322.25	39.7	40.2	38.5	8.70	8.70	8.37
RETAIL TRADE[f]	161.57	169.30	157.34	30.6	31.9	29.8	5.28	5.31	5.28
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	....	....	....
Banking	227.43	222.61	210.80	....	....	....	....	....	....
Insurance carriers	.....	.....	.....	....	....	....	....	....	....
SERVICES	.....	.....	.....	....	....	....	....	....	....
GOVERNMENT	.....	.....	.....	....	....	....	....	....	....
Federal government	.....	.....	.....	....	....	....	....	....	....
State government (includes education)	.....	.....	.....	....	....	....	....	....	....
Local government	.....	.....	.....	....	....	....	....	....	....
Local government, except education	.....	.....	.....	....	....	....	....	....	....
Local government education	.....	.....	.....	....	....	....	....	....	....

[a]Estimated in cooperation with U. S. Bureau of Labor Statistics. Cincinnati area is defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b]Preliminary. [c]Revised. [d]Includes lumber and wood products; stone, clay, and glass products; instruments and related products; miscellaneous manufacturing. [e]Includes tobacco manufactures; textile mill products, petroleum and coal products; leather and leather products. [f]Money payments only, tips not included. [g]Low due to labor-management disputes during part of pay period.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CLEVELAND METROPOLITAN AREA[a]
JANUARY 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	January 1984[b]	December 1983[c]	January 1983[c]	December 1983	January 1983
TOTAL	819.7	837.9	807.3	- 2.2	1.5
MANUFACTURING	211.9	212.1	204.4	- .1	3.7
Durable Goods[e]	147.6	148.0	142.2	- .2	3.9
Furniture and fixtures	2.1	2.1	1.9	.0	13.8
Primary metal industries	25.6	25.6	23.1	.0	10.6
Blast furnace and basic steel products	12.7	12.7	11.6	- .1	9.1
Iron and steel foundries	6.2	6.3	5.7	- .4	9.2
Nonferrous foundries	2.7	2.7	2.4	1.0	14.6
Fabricated metal products	32.1	32.1	31.0	.0	3.4
Fabricated structural metal products	3.7	3.7	3.5	- .4	6.4
Screw machine products, bolts, etc.	4.3	4.4	4.2	- 1.1	2.3
Metal forgings and stampings	11.1	11.1	11.1	- .1	.4
Machinery, except electrical	31.4	31.3	31.0	.4	1.5
Construction and related machinery	5.2	5.2	4.9[h]	- 1.2	4.9
Metalworking machinery	10.2	10.1	10.5	.3	- 3.0
Special industry machinery	2.9	2.9	2.8	1.4	3.7
General industrial machinery	2.8	2.8	2.8	2.3	- .4
Electric and electronic equipment	22.5	22.5	22.3	.0	1.1
Electrical industrial apparatus	7.5	7.5	7.7	.0	- 2.6
Transportation equipment	20.5	20.8	19.8	- 1.4	3.5
Motor vehicles and equipment	14.1	14.4	13.3	- 2.0	5.9
Instruments and related products	5.8	5.8	5.7	.0	.3
Nondurable Goods[f]	64.3	64.1	62.3	.2	3.2
Food and kindred products	7.7	7.8	7.6	- .3	2.2
Bakery products	1.7	1.7	1.7	.0	2.5
Beverages	1.6	1.6	1.6	3.6	1.9
Apparel and other textile products	5.1	5.1	5.0	.3	3.2
Paper and allied products	4.9	4.8	4.7	1.5	3.4
Printing and publishing	14.8	14.9	14.5	- .7	2.2
Chemicals and allied products	14.5	14.4	14.8	.3	- 2.0
Industrial inorganic chemicals	3.3	3.3	3.7	.2	- 12.6
Rubber and misc. plastics products	11.4	11.3	10.1	.8	12.3
NONMANUFACTURING[g]	607.8	625.8	602.8	- 2.9	.8
CONSTRUCTION	22.9	25.1	20.9	- 9.0	9.7
TRANSPORTATION AND PUBLIC UTILITIES	40.6	41.8	40.5	- 2.9	.3
Communication, electric, gas services	19.8	19.8	20.2	- .1	- 2.3
WHOLESALE TRADE	57.3	58.2	57.6	- 1.5	- .5
RETAIL TRADE	131.5	139.7	131.6	- 5.9	- .1
FINANCE, INSURANCE, AND REAL ESTATE	48.8	48.9	48.1	- .3	1.6
Banking	13.3	13.3	13.6	.1	- 1.8
Insurance carriers	11.9	12.0	11.9	- .6	- .3
SERVICES	193.0	196.3	189.1	- 1.7	2.0
GOVERNMENT	112.5	114.5	113.8	- 1.7	- 1.2
Federal government	19.4	19.5	19.2	- .8	.8
State government (includes education)	7.9	8.1	8.1	- 3.0	- 3.2
Local government	85.2	86.8	86.4	- 1.8	- 1.4
Local government, except education	43.6	43.6	44.3	.1	- 1.5
Local government education	41.6	43.2	42.1[h]	- 3.8	- 1.3

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Cleveland area is defined as Cuyahoga, Geauga, Lake, and Medina Counties. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; stone, clay, and glass products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CLEVELAND METROPOLITAN AREA[a]
JANUARY 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	January 1984[b]	December 1983[c]	January 1983[c]	Jan. 1984[b]	Dec. 1983[c]	Jan. 1983[c]	Jan. 1984[b]	Dec. 1983[c]	Jan. 1983[c]
TOTAL	.....	.....	.....	....	....	....	....	....	....
MANUFACTURING	$451.31	$451.76	$409.54	42.1	42.3	39.8	$10.72	$10.68	$10.29
Durable Goods[d]	477.85	479.09	431.60	42.4	42.7	40.0	11.27	11.22	10.79
Furniture and fixtures	330.47	338.62	307.64	40.4	41.6	38.6	8.18	8.14	7.97
Primary metal industries	526.15	525.76	480.77	42.5	42.4	38.4	12.38	12.40	12.52
Blast furnace and basic steel products	485.64	485.64	480.25	38.3	38.3	34.7	12.68	12.68	13.84
Iron and steel foundries	684.22	685.56	561.38	46.8	46.7	41.4	14.62	14.68	13.56
Nonferrous foundries	368.94	362.50	371.28	42.8	42.2	42.0	8.62	8.59	8.84
Fabricated metal products	450.89	455.82	425.89	42.1	42.6	40.6	10.71	10.70	10.49
Fabricated structural metal products	314.87	330.96	316.54	37.8	38.8	38.0	8.33	8.53	8.33
Screw machine products, bolts, etc.	480.36	464.08	385.66	46.1	45.1	39.8	10.42	10.29	9.69
Metal forgings and stampings	559.85	564.55	533.83	43.5	43.9	42.3	12.87	12.86	12.62
Machinery, except electrical	484.40	457.03	398.35	43.6	42.2	38.6	11.11	10.83	10.32
Construction and related machinery	495.91	522.08	416.60	39.8	41.8	36.9	12.46	12.49	11.29
Metalworking machinery	427.65	436.77	398.32	41.6	42.2	38.3	10.28	10.35	10.40
Special industry machinery	527.61	527.17	438.54	44.3	44.6	41.1	11.91	11.82	10.67
General industrial machinery	415.95	421.74	359.00	42.1	42.6	35.9	9.88	9.90	10.00
Electric and electronic equipment	392.62	406.07	360.36	39.9	41.1	39.0	9.84	9.88	9.24
Electrical industrial apparatus	370.11	379.33	336.86	36.9	38.2	35.2	10.03	9.93	9.57
Transportation equipment	607.04	626.36	552.64	45.2	46.5	44.0	13.43	13.47	12.56
Motor vehicles and equipment	642.96	668.81	593.62	45.6	47.4	44.7	14.10	14.11	13.28
Instruments and related products	385.35	372.53	336.07	42.3	41.3	40.2	9.11	9.02	8.36
Nondurable Goods[e]	381.61	377.71	352.13	41.3	41.1	39.3	9.24	9.19	8.96
Food and kindred products	397.18	383.88	366.40	40.5	41.5	40.0	9.56	9.25	9.16
Bakery products	409.91	411.46	366.10	41.7	41.9	38.7	9.89	9.82	9.46
Beverages	350.55	351.94	319.09	41.0	41.6	39.2	8.55	8.46	8.14
Apparel and other textile products	280.28	279.49	254.51	39.2	39.7	37.1	7.15	7.04	6.86
Paper and allied products	410.56	413.25	378.48	43.4	43.5	41.5	9.46	9.50	9.12
Printing and publishing	373.63	371.31	371.51	37.4	36.8	37.3	9.99	10.09	9.96
Chemicals and allied products	477.63	476.10	421.83	43.5	43.4	40.6	10.98	10.97	10.39
Industrial inorganic chemicals	521.84	522.28	416.59	44.0	44.0	39.6	11.86	11.87	10.52
Rubber and misc. plastics products	351.54	340.90	320.28	43.4	42.4	40.8	8.10	8.04	7.85
NONMANUFACTURING	.....	.....	.....	....	....	....	....	....	....
CONSTRUCTION	737.43	724.01	630.94	39.1	38.8	37.4	18.86	18.66	16.87
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	....	....	....
Communication, electric, gas services	522.79	526.54	479.99	41.1	41.2	40.2	12.72	12.78	11.94
WHOLESALE TRADE	357.60	351.52	337.74	40.0	39.9	39.0	8.94	8.81	8.66
RETAIL TRADE[f]	171.31	175.23	165.84	28.6	29.6	28.3	5.99	5.92	5.86
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	....	....	....
Banking	246.87	245.89	244.32	....	....	....	....	....	....
Insurance carriers	.....	.....	.....	....	....	....	....	....	....
SERVICES	.....	.....	.....	....	....	....	....	....	....
GOVERNMENT	.....	.....	.....	....	....	....	....	....	....
Federal government	.....	.....	.....	....	....	....	....	....	....
State government (includes education)	.....	.....	.....	....	....	....	....	....	....
Local government	.....	.....	.....	....	....	....	....	....	....
Local government, except education	.....	.....	.....	....	....	....	....	....	....
Local government education	.....	.....	.....	....	....	....	....	....	....

[a]Estimated in cooperation with U. S. Bureau of Labor Statistics. Cleveland area is defined as Cuyahoga, Geauga, Lake, and Medina Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b]Preliminary. [c]Revised. [d]Includes lumber and wood products; stone, clay, and glass products; miscellaneous manufacturing. [e]Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [f]Money payments only, tips not included. [h]Low due to labor-management disputes during part of pay period.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN COLUMBUS METROPOLITAN AREA[a]
JANUARY 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	January 1984[b]	December 1983[c]	January 1983[c]	December 1983	January 1983
TOTAL	504.2	515.7	485.5	- 2.2	3.8
MANUFACTURING	86.3	86.2	81.6	.2	5.8
Durable Goods[e]	55.5	55.2	50.7	.5	9.6
Stone, clay, and glass products	9.1	8.9	8.8	1.5	3.3
Fabricated metal products	9.9	9.9	8.5	.0	16.9
Machinery, except electrical	9.7	9.7	8.9	.7	8.6
Electric and electronic equipment	10.0	10.0	9.9	- .5	1.1
Transportation equipment	8.8	8.7	6.9	.7	26.8
Nondurable Goods[f]	30.8	30.9	31.0	- .5	- .5
Food and kindred products	9.7	9.8	9.8	- .6	- .7
Printing and publishing	8.1	8.2	8.2	- .5	- 1.6
Chemicals and allied products	6.1	6.1	6.0	.0	1.4
Rubber and misc. plastics products	2.8	2.8	2.6	- .3	4.8
NONMANUFACTURING[g]	417.8	429.5	403.9	- 2.7	3.5
CONSTRUCTION	13.6	15.5	12.8	- 12.0	6.1
TRANSPORTATION AND PUBLIC UTILITIES	22.7	23.5	22.3	- 3.4	2.0
Communication, electric, gas services	11.3	11.3	10.9	.0	3.3
WHOLESALE TRADE	27.3	27.7	26.7	- 1.5	2.1
RETAIL TRADE	94.8	99.9	90.8	- 5.1	4.4
FINANCE, INSURANCE, AND REAL ESTATE	44.2	44.2	41.7	.0	6.2
Banking	8.8	8.7	8.5	1.4	4.3
Insurance carriers	18.0	18.0	17.9	- .2	.6
SERVICES	112.7	114.4	108.1	- 1.5	4.3
GOVERNMENT	102.0	103.7	101.0	- 1.7	1.0
Federal government	11.3	11.3	11.3	- .2	.5
State government	47.8	49.5	48.2	- 3.2	- .7
State government, except education	27.7	27.7	28.6	.0	- 3.0
State government education[i]	20.1	21.7	19.6	- 7.5	2.6
Local government	42.8	42.9	41.5	- .3	3.1
Local government, except education	17.2	17.1	17.1	.6	1.0
Local government education	25.6	25.8	24.5	- .9	4.5

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Columbus area is defined as Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Depressed due to labor-management disputes. [i]Includes State Universities, State Schools for Deaf and Blind, and the State Library. Excludes hospitals, the agricultural extension service, agricultural research centers, and departments coordinating and administering education programs (notably, the Ohio Department of Education).

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN COLUMBUS METROPOLITAN AREA[a]
JANUARY 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	January 1984[b]	December 1983[c]	January 1983[c]	Jan. 1984[b]	Dec. 1983[c]	Jan. 1983[c]	Jan. 1984[b]	Dec. 1983[c]	Jan. 1983[c]
TOTAL	.....	.....	.....	....	....	....	....	....	....
MANUFACTURING	$427.66	$437.81	$383.84	41.4	42.3	39.9	$10.33	$10.35	$ 9.62
Durable Goods[d]	449.59	462.46	403.41	41.9	42.9	40.1	10.73	10.78	10.06
Stone, clay, and glass products	383.38	403.37	366.91	39.2	41.8	39.2	9.78	9.65	9.36
Fabricated metal products	558.52	550.23	466.58	43.6	43.6	41.0	12.81	12.62	11.38
Machinery, except electrical	437.61	442.80	373.86	44.7	45.0	39.9	9.79	9.84	9.37
Electric and electronic equipment	414.10	437.84	392.51	41.0	42.1	41.1	10.10	10.40	9.55
Transportation equipment	549.85	575.67	520.96	44.2	45.4	44.0	12.44	12.68	11.84
Nondurable Goods[e]	379.49	387.16	348.00	40.2	41.1	39.5	9.44	9.42	8.81
Food and kindred products	354.12	373.84	348.59	39.7	41.4	41.1	8.92	9.03	8.48
Printing and publishing	439.92	445.81	415.62	37.6	38.3	38.2	11.70	11.64	10.88
Chemicals and allied products	462.44	459.02	388.97	43.3	43.1	40.1	10.68	10.65	9.70
Rubber and misc. plastics products	291.91	319.40	273.08	39.5	42.7	38.3	7.39	7.48	7.13
NONMANUFACTURING	.....	.....	.....	....	....	....	....	....	....
CONSTRUCTION	491.06	481.66	475.44	37.6	37.6	36.1	13.06	12.81	13.17
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	....	....	....
Communication, electric, gas services	504.68	510.04	465.28	40.7	41.0	39.7	12.40	12.44	11.72
WHOLESALE TRADE	294.42	297.60	311.22	39.1	40.0	39.0	7.53	7.44	7.98
RETAIL TRADE[f]	162.16	163.39	155.27	28.6	29.6	28.7	5.67	5.52	5.41
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	....	....	....
Banking	237.14	228.59	225.07	....	....	....	....	....	....
Insurance carriers	.....	.....	.....	....	....	....	....	....	....
SERVICES	.....	.....	.....	....	....	....	....	....	....
GOVERNMENT	.....	.....	.....	....	....	....	....	....	....
Federal government	.....	.....	.....	....	....	....	....	....	....
State government	.....	.....	.....	....	....	....	....	....	....
State government, except education	.....	.....	.....	....	....	....	....	....	....
State government education	.....	.....	.....	....	....	....	....	....	....
Local government	.....	.....	.....	....	....	....	....	....	....
Local government, except education	.....	.....	.....	....	....	....	....	....	....
Local government education	.....	.....	.....	....	....	....	....	....	....

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Columbus area is defined as Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b]Preliminary. [c]Revised. [d]Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [e]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. [f]Money payments only, tips not included. [h]Low due to labor-management disputes during part of pay period.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN DAYTON METROPOLITAN AREA[a]
JANUARY 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	January 1984[b]	December 1983[c]	January 1983[c]	December 1983	January 1983
TOTAL	339.6	344.3	328.1	- 1.4	3.5
MANUFACTURING	90.4	90.2	83.2	.3	8.8
Durable Goods[e]	62.6	62.4	57.8	.5	8.4
Stone, clay, and glass products	2.0	2.0	1.6	- .2	23.0
Fabricated metal products	6.8	6.8	6.2	.3	9.7
Machinery, except electrical	29.4	29.3	27.5	.6	6.9
Metalworking machinery	6.5	6.5	6.3	.4	4.1
Electric and electronic equipment	4.9	4.9	4.7	.1	4.4
Electrical industrial apparatus	2.9	2.8	2.8	.4	3.6
Transportation equipment	13.5	13.5	12.3	.0	9.9
Nondurable Goods[f]	27.8	27.8	25.4	.0	9.6
Food and kindred products	3.0	3.0	2.8	- 1.3	7.3
Paper and allied products	5.6	5.5	5.2	.7	6.9
Printing and publishing	7.3	7.3	7.0	.6	3.8
Rubber and misc. plastics products	8.4	8.4	7.0	- .3	19.5
NONMANUFACTURING[g]	249.1	254.1	245.0	- 2.0	1.7
CONSTRUCTION	8.2	9.4	7.7	- 12.7	6.6
TRANSPORTATION AND PUBLIC UTILITIES	12.6	12.6	12.4	- .5	1.4
Communication, electric, gas services	5.7	5.7	6.2	.0	- 7.9
WHOLESALE TRADE	16.6	16.8	16.3	- .8	2.4
RETAIL TRADE	54.2	57.6	53.6	- 5.8	1.2
FINANCE, INSURANCE, AND REAL ESTATE	13.8	14.0	13.5	- 1.1	2.6
SERVICES	76.5	76.5	74.5	.0	2.7
GOVERNMENT	67.0	67.1	66.9	- .1	.1
Federal government	26.2	26.0	26.0	.9	.9
State government (includes education)	5.9	6.1	5.7	- 3.3	4.7
Local government	34.8	34.9	35.2	- .3	- 1.2
Local government, except education	12.8	12.9	12.8	- .8	.2
Local government education	22.0	22.0	22.4	.0	- 1.9

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Dayton area is defined as Greene, Miami, Montgomery, and Preble Counties. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Depressed due to labor-management disputes.

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Ohio Bureau of Employment Services
Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN DAYTON METROPOLITAN AREA[a]
JANUARY 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	January 1984[b]	December 1983[c]	January 1983[c]	Jan. 1984[b]	Dec. 1983[c]	Jan. 1983[c]	Jan. 1984[b]	Dec. 1983[c]	Jan. 1983[c]
TOTAL	.....	.....	.....	....	....	....	....	....	....
MANUFACTURING	$477.36	$487.73	$406.40	43.2	43.9	40.0	$11.05	$11.11	$10.16
Durable Goods[d]	485.74	489.51	403.60	43.8	44.1	40.0	11.09	11.10	10.09
Stone, clay, and glass products	378.02	380.64	354.09	39.5	40.3	40.7	9.57	9.45	8.70
Fabricated metal products	352.34	381.06	320.76	41.5	43.6	39.6	8.49	8.74	8.10
Machinery, except electrical	522.06	526.92	420.80	45.2	45.7	40.5	11.55	11.53	10.39
Metalworking machinery	509.95	515.90	438.84	47.0	47.2	42.4	10.85	10.93	10.35
Electric and electronic equipment	333.31	332.88	303.28	41.2	41.3	39.8	8.09	8.06	7.62
Electrical industrial apparatus	358.15	363.32	325.56	41.5	42.1	39.8	8.63	8.63	8.18
Transportation equipment	606.87	613.16	497.71	44.2	44.4	40.3	13.73	13.81	12.35
Nondurable Goods[e]	459.22	481.25	412.80	41.9	43.2	40.0	10.96	11.14	10.32
Food and kindred products	363.71	382.30	384.94	40.1	41.6	39.4	9.07	9.19	9.77
Paper and allied products	405.57	409.02	360.39	43.1	43.1	41.0	9.41	9.49	8.79
Printing and publishing	415.80	439.79	381.84	37.8	39.8	36.4	11.00	11.05	10.49
Rubber and misc. plastics products	587.41	619.25	514.60	44.1	45.6	41.3	13.32	13.58	12.46
NONMANUFACTURING	.....	.....	.....	....	....	....	....	....	....
CONSTRUCTION	508.25	531.57	525.16	36.2	37.7	38.0	14.04	14.10	13.82
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	....	....	....
Communication, electric, gas services	497.76	498.98	454.17	40.6	40.7	39.7	12.26	12.26	11.44
WHOLESALE TRADE	349.43	341.82	323.97	42.1	42.2	40.7	8.30	8.10	7.96
RETAIL TRADE[f]	155.81	159.60	149.63	28.8	30.0	28.5	5.41	5.32	5.25
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	....	....	....
SERVICES	.....	.....	.....	....	....	....	....	....	....
GOVERNMENT	.....	.....	.....	....	....	....	....	....	....
Federal government	.....	.....	.....	....	....	....	....	....	....
State government (includes education)	.....	.....	.....	....	....	....	....	....	....
Local government	.....	.....	.....	....	....	....	....	....	....
Local government, except education	.....	.....	.....	....	....	....	....	....	....
Local government education	.....	.....	.....	....	....	....	....	....	....

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Dayton area is defined as Greene, Miami, Montgomery, and Preble Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b]Preliminary. [c]Revised. [d]Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [e]Includes tobacco manufactures; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [f]Money payments only, tips not included. [h]Low due to labor-management disputes during part of pay period.

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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN TOLEDO METROPOLITAN AREA[a]
JANUARY 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	January 1984[b]	December 1983[c]	January 1983[c]	December 1983	January 1983
TOTAL	285.6	291.1	274.7	- 1.9	4.0
MANUFACTURING	74.3	74.0	66.2	.5	12.3
Durable Goods[e]	57.9	57.7	51.5	.4	12.4
Stone, clay, and glass products	11.3	11.4	11.4	- 1.0	- .9
Primary metal industries	3.8	3.7	3.4	1.3	9.9
Fabricated metal products	8.4	8.1	7.0	3.9	19.6
Metal forgings and stampings	4.2	4.0	3.1	4.6	33.9
Machinery, except electrical	6.3	6.1	6.3	2.0	- .2
General industrial machinery	1.6	1.5	1.7	5.8	- 5.9
Transportation equipment	20.5	20.5	16.0	- .1	28.3
Motor vehicles and equipment	19.3	19.3	14.8	- .1	30.6
Nondurable Goods[f]	16.4	16.2	14.6	.9	11.9
Food and kindred products	3.9	3.9	3.7	.4	7.7
Rubber and misc. plastics products	4.1	4.1	3.0	.4	37.1
NONMANUFACTURING[g]	211.3	217.2	208.5	- 2.7	1.3
CONSTRUCTION	8.4	9.7	9.5	- 12.8	- 10.8
TRANSPORTATION AND PUBLIC UTILITIES	17.2	17.5	16.9	- 1.7	1.7
Communication, electric, gas services	7.5	7.5	7.8	- .2	- 4.2
WHOLESALE TRADE	14.2	14.4	14.0	- 1.1	1.3
RETAIL TRADE	48.6	51.3	48.8	- 5.3	- .5
FINANCE, INSURANCE, AND REAL ESTATE	10.7	10.8	10.4	- .3	3.7
SERVICES	64.1	64.7	62.3	- .8	3.0
GOVERNMENT	47.7	48.6	46.3	- 1.9	2.9
State government (includes education)	15.0	15.4	14.5	- 2.4	4.0
Local government	29.9	30.4	29.1	- 1.7	2.8
Local government, except education	11.9	12.0	11.2	- .9	6.0
Local government education	18.0	18.4	17.9	- 2.3	.8

[a]Estimated in cooperation with U. S. Bureau of Labor Statistics. Toledo area is defined as Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; electric and electronic equipment; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Depressed due to labor-management disputes.

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN TOLEDO METROPOLITAN AREA[a]
JANUARY 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	January 1984[b]	December 1983[c]	January 1983[c]	Jan. 1984[b]	Dec. 1983[c]	Jan. 1983[c]	Jan. 1984[b]	Dec. 1983[c]	Jan. 1983[c]
TOTAL	.....	.....	.....	....	....	....	....	....	....
MANUFACTURING	$493.62	$514.87	$460.65	43.3	44.5	41.5	$11.40	$11.57	$11.10
Durable Goods[d]	514.17	537.15	479.45	43.5	44.8	41.8	11.82	11.99	11.47
Stone, clay, and glass products	526.50	527.58	475.30	45.0	44.9	42.4	11.70	11.75	11.21
Primary metal industries	505.25	537.78	439.95	45.6	48.8	42.1	11.08	11.02	10.45
Fabricated metal products	458.22	503.69	452.15	42.0	44.3	42.1	10.91	11.37	10.74
Metal forgings and stampings	498.46	567.71	510.30	42.1	45.2	42.0	11.84	12.56	12.15
Machinery, except electrical	469.58	476.52	400.03	43.2	44.0	38.8	10.87	10.83	10.31
General industrial machinery	475.02	532.52	426.82	40.6	44.6	36.7	11.70	11.94	11.63
Transportation equipment	581.68	608.81	549.50	44.1	45.4	42.4	13.19	13.41	12.96
Motor vehicles and equipment	579.48	607.02	549.93	44.0	45.3	42.4	13.17	13.40	12.97
Nondurable Goods[e]	417.05	429.97	398.05	42.6	43.3	40.7	9.79	9.93	9.78
Food and kindred products	434.08	476.39	417.54	41.9	44.9	41.3	10.36	10.61	10.11
Rubber and misc. plastics products	368.68	355.93	329.22	44.1	43.3	40.1	8.36	8.22	8.21
NONMANUFACTURING	.....	.....	.....	....	....	....	....	....	....
CONSTRUCTION	633.36	665.60	612.47	37.7	40.0	37.3	16.80	16.64	16.42
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	....	....	....
Communication, electric, gas services	516.63	510.88	454.57	41.1	41.2	39.7	12.57	12.40	11.45
WHOLESALE TRADE	330.98	332.72	335.42	38.0	38.2	37.9	8.71	8.71	8.85
RETAIL TRADE[f]	162.73	166.02	157.87	28.7	29.7	28.6	5.67	5.59	5.52
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	....	....	....
SERVICES	.....	.....	.....	....	....	....	....	....	....
GOVERNMENT	.....	.....	.....	....	....	....	....	....	....
State government (includes education)	.....	.....	.....	....	....	....	....	....	....
Local government	.....	.....	.....	....	....	....	....	....	....
Local government, except education	.....	.....	.....	....	....	....	....	....	....
Local government education	.....	.....	.....	....	....	....	....	....	....

[a]Estimated in cooperation with U. S. Bureau of Labor Statistics. Toledo area is defined as Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b]Preliminary. [c]Revised. [d]Includes lumber and wood products; furniture and fixtures; electric and electronic equipment; instruments and related products; miscellaneous manufacturing. [e]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [f]Money payments only, tips not included. [h]Low due to labor-management disputes during part of pay period.

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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN YOUNGSTOWN-WARREN METROPOLITAN AREA[a]
JANUARY 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	January 1984[b]	December 1983[c]	January 1983[c]	December 1983	January 1983
TOTAL	177.6	182.0	168.9	- 2.4	5.1
MANUFACTURING	55.4	55.6	47.9	- .4	15.6
Durable Goods[e]	50.3	50.5	43.1	- .4	16.6
Stone, clay, and glass products	1.5	1.6	1.5	- 3.4	- 1.5
Primary metal industries	23.8	23.8	20.0	- .2	19.1
Blast furnace and basic steel products	9.6	9.7	7.9	- .7	22.3
Fabricated metal products	8.2	8.2	7.1	.4	15.4
Fabricated structural metal products	1.9	1.9	2.1	.2	- 9.3
Machinery, except electrical	3.6	3.6	4.2	- .3	- 15.1
Metalworking machinery	1.5	1.5	2.1	- .3	- 31.9
Electric and electronic equipment	2.6	2.6	2.7	.1	- 1.7
Transportation equipment	8.9	9.0	5.9	- 1.3	51.2
Nondurable Goods[f]	5.1	5.1	4.8	.3	6.6
NONMANUFACTURING[g]	122.2	126.4	121.0	- 3.3	1.0
CONSTRUCTION	4.1	4.8	3.7	- 15.2	10.3
TRANSPORTATION AND PUBLIC UTILITIES	7.2	7.4	7.2	- 3.2	- .5
Communication, electric, gas services	3.1	3.1	3.3	- .1	- 4.6
WHOLESALE TRADE	7.7	7.8	7.3	- 2.1	4.7
RETAIL TRADE	32.9	34.7	33.2	- 5.3	- 1.0
FINANCE, INSURANCE, AND REAL ESTATE	7.2	7.2	7.0	- .6	2.4
SERVICES	38.9	39.0	37.7	- .5	3.1
GOVERNMENT	23.6	24.6	24.1	- 4.0	- 1.9
Local government (includes education)	18.2	18.7	18.7	- 2.6	- 2.4

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Youngstown-Warren area is defined as Mahoning and Trumbull Counties. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; instruments and related products; miscellaneous manufacturing. [f]Includes food and kindred products; tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and misc. plastics products; leather and leather products. [g]Includes mining. [h]Depressed due to labor-management disputes.

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN YOUNGSTOWN-WARREN METROPOLITAN AREA[a]
JANUARY 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	January 1984[b]	December 1983[c]	January 1983[c]	Jan. 1984[b]	Dec. 1983[c]	Jan. 1983[c]	Jan. 1984[b]	Dec. 1983[c]	Jan. 1983[c]
TOTAL	.....	.....	.....	....	....	....	....	....	....
MANUFACTURING	$577.02	$547.78	$481.20	44.8	43.2	40.1	$12.88	$12.68	$12.00
Durable Goods[d]	593.97	562.03	493.25	45.1	43.4	40.2	13.17	12.95	12.27
Stone, clay, and glass products	406.72	384.07	311.87	41.0	39.8	35.2	9.92	9.65	8.86
Primary metal industries	553.43	553.36	494.38	41.8	41.7	38.0	13.24	13.27	13.01
Blast furnace and basic steel products	506.88	510.72	484.41	39.6	39.9	34.9	12.80	12.80	13.88
Fabricated metal products	670.66	648.13	535.52	47.7	47.0	42.2	14.06	13.79	12.69
Fabricated structural metal products	465.19	468.26	385.56	42.6	43.6	37.8	10.92	10.74	10.20
Machinery, except electrical	458.21	464.52	434.50	38.7	39.5	37.2	11.84	11.76	11.68
Metalworking machinery	466.85	481.73	456.69	39.8	41.6	38.9	11.73	11.58	11.74
Electric and electronic equipment	405.81	400.18	402.52	40.5	40.3	41.2	10.02	9.93	9.77
Transportation equipment	784.94	650.15	607.90	55.2	47.7	48.4	14.22	13.63	12.56
Nondurable Goods[e]	363.29	356.51	350.10	40.5	39.7	38.9	8.97	8.98	9.00
NONMANUFACTURING	.....	.....	.....	....	....	....	....	....	....
CONSTRUCTION	518.81	544.34	497.54	33.3	34.0	33.8	15.58	16.01	14.72
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	....	....	....
Communication, electric, gas services	492.[illegible]	496.10	451.93	40.6	41.0	40.1	12.13	12.10	11.27
WHOLESALE TRADE	334.77	336.45	298.25	35.5	36.1	34.4	9.43	9.32	8.67
RETAIL TRADE[f]	169.65	172.98	155.08	29.3	30.4	28.3	5.79	5.69	5.48
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	....	....	....
SERVICES	.....	.....	.....	....	....	....	....	....	....
GOVERNMENT	.....	.....	.....	....	....	....	....	....	....
Local government (includes education)	.....	.....	.....	....	....	....	....	....	....

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Youngstown-Warren area is defined as Mahoning and Trumbull Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b]Preliminary. [c]Revised. [d]Includes lumber and wood products; furniture and fixtures; instruments and related products; miscellaneous manufacturing. [e]Includes food and kindred products; tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and misc. plastics products; leather and leather products. [f]Money payments only, tips not included. [h]Low due to labor-management disputes during part of pay period.

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NOTES ON OHIO EMPLOYMENT, HOURS, AND EARNINGS ESTIMATES

Civilian Labor Force Estimates

Civilian Labor Force.—Estimated number of workers 16 years of age and over, employed or unemployed during week including 12th of month, distributed by place of residence.

Total Employed.—Includes nonagricultural wage and salary workers, the self-employed, unpaid family workers, domestics, agricultural workers, and persons involved in labor disputes. Estimates of self-employed, domestics, and unpaid family workers based on data from U.S. Department of Labor and Bureau of the Census. Agricultural worker estimates derived from information supplied by U.S. Department of Agriculture. Estimates of workers involved in labor disputes based in part upon data from Federal Mediation and Conciliation Service. Employment distributed by place of residence.

Total Unemployed.—Estimated number of persons, by place of residence, who did not work during reference week and were looking for work, whether or not eligible for unemployment compensation. Includes those who did not work and were waiting to be called back to an old job or to report to a new job.

Nonagricultural Wage and Salary Employment

Collection.—Nonagricultural wage and salary employment as well as hours and earnings estimates based on monthly reports from sample of employers. Under cooperative arrangement with U.S. Bureau of Labor Statistics, Division of Research and Statistics of Ohio Bureau of Employment Services mails, edits, and processes Ohio reports, which are subsequently incorporated in national data.

Industrial Classification.—Employer establishments classified by industry on basis of their principal product or service. The Standard Industrial Classification Manual (U.S. Office of Management and Budget, Washington, D. C., 1972, amended 1977) used for classification.

Coverage.—Monthly reports on employment and (for most industries) payroll and hours obtained from approximately 8,000 Ohio employers.

Coverage of Ohio Nonagricultural Employment Sample

Industry Division	Approximate Percentage Covered by Sample
Total	43
Manufacturing	62
Nonmanufacturing	35
Mining	63
Construction	24
Transportation and Public Utilities	47
Wholesale Trade	19
Retail Trade	18
Finance, Insurance, and Real Estate	47
Services and Miscellaneous	21
Government	68

Nonagricultural Employment.—Persons who worked during, or received pay for, any part of pay periods which include 12th of month, distributed by place of employment. Includes persons on paid sick leave, paid holiday, or paid vacation. Excluded are persons laid off, on strike, or on unpaid vacation during entire reporting period. Proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers also excluded. Government employment covers only civilian employees. Full-time teachers considered employed during the summer vacation period, whether or not paid in those months.

Estimating Method.—Total employment is estimated from the employment of establishments reporting for two consecutive months, as follows:

$$\text{Total Employment (current month)} = \text{Total Employment (previous month)} \times \frac{\text{Sample Employment (current month)}}{\text{Sample Employment (previous month)}}$$

Benchmark Data.—Employment estimates compared annually with complete count of employment, by industry. Where revisions necessary, monthly estimates adjusted to new benchmark. Following revisions to new benchmark, industry data projected forward to current month by use of sample trends. Basic source of benchmark information is tabulations of employment data, by industry and area, compiled from contribution reports of employers covered under Ohio Unemployment Compensation Law.

Hours and Earnings

Method of Computing Averages.—Average hours computed by dividing total production worker hours worked during one week (the seven-day periods which include 12th of month) by number of production workers reported for such week. Average hourly earnings computed by dividing total production worker payroll for one week by total production worker hours for week. Average weekly earnings derived by multiplying average hourly earnings by average weekly hours.

Definitions.—Definitions of production or similar workers, payroll, and hours—from which average hours and earnings data are derived—follow:

Production Workers.—Includes working supervisors and all nonsupervisory workers (including group leaders and trainees) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping, maintenance, repair, janitorial and guard services, product development, auxiliary production for plant's own use (such as power plant), and record keeping and other services closely associated with production operations.

Nonsupervisory Workers.—Includes employees (not above working supervisory level) such as office and clerical workers, repairers, salespersons, operators, drivers, attendants, service employees, line installers, laborers, accountants, janitors, guards, and other employees whose services are closely associated with those of occupations listed.

Payroll.—Represents payroll for full- and part-time production, construction, or nonsupervisory workers who received pay for any part of pay periods which include 12th of month. Payroll is reported before deductions for social security, group insurance, withholding tax, bonds, and union dues; also includes pay for overtime, holidays, vacations, and sick leave paid directly by the firm. Bonuses (unless earned and paid regularly each pay period), tips, pay not earned in pay period reported (such as retroactive pay), and value of free rent, fuel, meals, or other payments in kind, excluded.

Hours.—Represents hours worked or paid for, during pay periods which include 12th of month, for production, construction, or nonsupervisory workers. Hours include time paid for holidays and vacations, and for sick leave when pay received directly from firm.

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